BPI Device Modeling Sprint 1 LLD

Author: Varun Reddy Papireddy

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## Reviewers

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Contents

[1 Document Control 1](#_Toc1296107433)

[1.1 Change Record 2](#_Toc2004417349)

[1.2 Reviewers 2](#_Toc193543550)

[2 Overview 3](#_Toc967526962)

[2.1 Assumptions and Exclusions 4](#_Toc180659601)

[2.2 Port Archetypes 4](#_Toc2006278451)

[3 Device Modeling 4](#_Toc853012428)

[3.1 Device Model Ericsson 6648 5](#_Toc103909828)

[3.1.1 Device Types 5](#_Toc734572657)

[3.1.2 Shelf Position Types 5](#_Toc210378660)

[3.1.3 Shelf Types 5](#_Toc1317301010)

[3.1.4 Shelf Slots 5](#_Toc372516448)

[3.1.5 Card Types 5](#_Toc946914319)

[3.1.6 Card Compatibility for slots 5](#_Toc119264352)

[3.1.7 Physical Termination Position for Shelf 5](#_Toc644309683)

[3.1.8 Pluggable Types 6](#_Toc1464479899)

[3.1.9 Pluggable Compatible for PTP 8](#_Toc1697864406)

[3.1.10 Port Compatibility 9](#_Toc1094719440)

[3.2 Device Model Ericsson 6651 10](#_Toc1267761166)

[3.2.1 Device Types 10](#_Toc3616097)

[3.2.2 Shelf Position Types 11](#_Toc118022130)

[3.2.3 Shelf Types 11](#_Toc208253120)

[3.2.4 Shelf Slots 11](#_Toc435441283)

[3.2.5 Card Types 11](#_Toc1899537803)

[3.2.6 Card Compatibility for slots 11](#_Toc893442593)

[3.2.7 Physical Termination Position for Shelf 11](#_Toc1708436097)

[3.2.8 Pluggable Types 12](#_Toc1138897964)

[3.2.9 Pluggable Compatible for PTP 14](#_Toc1919353839)

[3.2.10 Port Compatibility 14](#_Toc381479008)

[3.3 Device Model Ericsson 6620 16](#_Toc1462761236)

[3.3.1 Device Types 16](#_Toc1701453792)

[3.3.2 Shelf Position Types 16](#_Toc407417862)

[3.3.3 Shelf Types 16](#_Toc295446409)

[3.3.4 Shelf Slots 17](#_Toc826713646)

[3.3.5 Card Types 17](#_Toc584898483)

[3.3.6 Card Compatibility for slots 17](#_Toc1936708482)

[3.3.7 Physical Termination Position for Shelf 17](#_Toc1339859885)

[3.3.8 Pluggable Types 17](#_Toc1044461636)

[3.3.9 Pluggable Compatible for PTP 19](#_Toc795420959)

[3.3.10 Port Compatibility 20](#_Toc834388469)

[3.4 Device Model Ericsson 6705 23](#_Toc226676346)

[3.4.1 Device Types 23](#_Toc1720029005)

[3.4.2 Shelf Position Types 23](#_Toc121604994)

[3.4.3 Shelf Types 23](#_Toc1419142185)

[3.4.4 Shelf Slots 23](#_Toc1357112925)

[3.4.5 Card Types 24](#_Toc128669059)

[3.4.6 Card Compatibility for slots 24](#_Toc1962118582)

[3.4.7 Physical Termination Position for Shelf 24](#_Toc288452097)

[3.4.8 Pluggable Types 24](#_Toc1448801858)

[3.4.9 Pluggable Compatible for PTP 26](#_Toc640156670)

[3.4.10 Port Compatibility 27](#_Toc447490937)

[3.5 Device Model Ericsson 6502 30](#_Toc510045682)

[3.5.1 Device Types 30](#_Toc594568001)

[3.5.2 Shelf Position Types 31](#_Toc1099463613)

[3.5.3 Shelf Types 31](#_Toc188991149)

[3.5.4 Shelf Slots 31](#_Toc1719545032)

[3.5.5 Card Types 31](#_Toc797535041)

[3.5.6 Card Compatibility for slots 31](#_Toc1505568345)

[3.5.7 Physical Termination Position for Shelf 31](#_Toc2108564506)

[3.5.8 Pluggable Types 32](#_Toc1367087283)

[3.5.9 Pluggable Compatible for PTP 34](#_Toc1931980622)

[3.5.10 Port Compatibility 34](#_Toc179895863)

[3.6 Device Model Ericsson 6318 37](#_Toc1443743137)

[3.6.1 Device Types 37](#_Toc397917968)

[3.6.2 Shelf Position Types 37](#_Toc1813174252)

[3.6.3 Shelf Types 38](#_Toc987793726)

[3.6.4 Shelf Slots 38](#_Toc968503383)

[3.6.5 Card Types 38](#_Toc1171232788)

[3.6.6 Card Compatibility for slots 38](#_Toc1298177593)

[3.6.7 Physical Termination Position for Shelf 38](#_Toc791933403)

[3.6.8 Pluggable Types 38](#_Toc1868272538)

[3.6.9 Pluggable Compatible for PTP 40](#_Toc1669588250)

[3.6.10 Port Compatibility 41](#_Toc1688662053)

[3.7 Device Model Ericsson 6353 44](#_Toc1507003845)

[3.7.1 Device Types 44](#_Toc2092224789)

[3.7.2 Shelf Position Types 44](#_Toc776392024)

[3.7.3 Shelf Types 44](#_Toc1422921549)

[3.7.4 Shelf Slots 45](#_Toc1816860826)

[3.7.5 Card Types 45](#_Toc1187008179)

[3.7.6 Card Compatibility for slots 45](#_Toc1862691873)

[3.7.7 Physical Termination Position for Shelf 45](#_Toc2123088059)

[3.7.8 Pluggable Types 45](#_Toc1879544902)

[3.7.9 Pluggable Compatible for PTP 47](#_Toc426361170)

[3.7.10 Port Compatibility 48](#_Toc1461165444)

[3.8 Device Model Ericsson 6675 51](#_Toc1859743869)

[3.8.1 Device Types 51](#_Toc246283114)

[3.8.2 Shelf Position Types 51](#_Toc1907744458)

[3.8.3 Shelf Types 51](#_Toc1228763784)

[3.8.4 Shelf Slots 52](#_Toc1036830809)

[3.8.5 Card Types 52](#_Toc2020800166)

[3.8.6 Card Compatibility for slots 52](#_Toc105880324)

[3.8.7 Physical Termination Position for Shelf 52](#_Toc1938105364)

[3.8.8 Pluggable Types 52](#_Toc1507790277)

[3.8.9 Pluggable Compatible for PTP 52](#_Toc87476665)

[3.8.10 Port Compatibility 52](#_Toc761847324)

[3.9 Device Model Ericsson Mini Link 6693 53](#_Toc2131497976)

[3.9.1 Device Types 53](#_Toc2075230520)

[3.9.2 Shelf Position Types 53](#_Toc1254931891)

[3.9.3 Shelf Types 53](#_Toc54609098)

[3.9.4 Shelf Slots 53](#_Toc1812344787)

[3.9.5 Card Types 54](#_Toc809641578)

[3.9.6 Card Compatibility for slots 54](#_Toc1952547465)

[3.9.7 Physical Termination Position for Card 55](#_Toc171635308)

[3.9.8 Physical Termination Position for Shelf 55](#_Toc505313657)

[3.9.9 Pluggable Types 55](#_Toc704109507)

[3.9.10 Pluggable Compatible for PTP 56](#_Toc1353521603)

[3.9.11 Port Compatibility 57](#_Toc2125864973)

[3.10 Device Model Ericsson Mini Link 6692 59](#_Toc1488770470)

[3.10.1 Device Types 59](#_Toc579022856)

[3.10.2 Shelf Position Types 59](#_Toc1922671417)

[3.10.3 Shelf Types 59](#_Toc2030226132)

[3.10.4 Shelf Slots 59](#_Toc101986514)

[3.10.5 Card Types 60](#_Toc983987053)

[3.10.6 Card Compatibility for slots 60](#_Toc400094533)

[3.10.7 Physical Termination Position for Card 60](#_Toc1344667188)

[3.10.8 Pluggable Types 61](#_Toc273793170)

[3.10.9 Pluggable Compatible for PTP 62](#_Toc131854993)

[3.10.10 Port Compatibility 63](#_Toc1702244613)

[3.11 Device Model Ericsson Mini Link 6352 64](#_Toc1393362068)

[3.11.1 Device Types 65](#_Toc57313360)

[3.11.2 Shelf Position Types 65](#_Toc890150952)

[3.11.3 Shelf Types 65](#_Toc900723235)

[3.11.4 Shelf Slots 65](#_Toc1794410225)

[3.11.5 Card Types 65](#_Toc1696336328)

[3.11.6 Card Compatibility for slots 65](#_Toc1167890135)

[3.11.7 Physical Termination Position for Card 65](#_Toc32017221)

[3.11.8 Pluggable Types 65](#_Toc266228846)

[3.11.9 Pluggable Compatible for PTP 65](#_Toc1824816374)

[3.11.10 Port Compatibility 65](#_Toc65657124)

[3.12 Device Model Ericsson Mini Link 6352/2 66](#_Toc993641341)

[3.12.1 Device Types 66](#_Toc698619522)

[3.12.2 Shelf Position Types 66](#_Toc1246139395)

[3.12.3 Shelf Types 66](#_Toc1732487340)

[3.12.4 Shelf Slots 66](#_Toc1993179495)

[3.12.5 Card Types 66](#_Toc1786910094)

[3.12.6 Card Compatibility for slots 66](#_Toc1252560365)

[3.12.7 Physical Termination Position for Card 66](#_Toc869373442)

[3.12.8 Pluggable Types 66](#_Toc857728460)

[3.12.9 Pluggable Compatible for PTP 66](#_Toc73745159)

[3.12.10 Port Compatibility 67](#_Toc2054798367)

[3.13 Device Roles 67](#_Toc1591263149)

[4 Naming 68](#_Toc781019125)

[4.1 Device Naming 69](#_Toc787189572)

[4.2 Slot Naming 69](#_Toc1170804960)

[4.3 PTP Naming 69](#_Toc2139371148)

[4.4 Port Naming 69](#_Toc1352105661)

[5 Open and Closed Issues 71](#_Toc827676079)

[5.1 Open Issues 72](#_Toc457589361)

[5.2 Closed Issues 72](#_Toc334188248)

# Overview

This Design Specification documents the high-level design that supports the documented features and user stories in the correlating RD.140 Requirements Document, and is focused on modeling the solution, including data model, inputs, outputs, interactions, and life cycle management. This specification provides a comprehensive high-level design to support lower-level design activities, development, testing and documentation of the solution. This document may be updated to include pertinent revisions through the conclusion of the Construction Phase.

## Assumptions and Exclusions

The assumptions and exclusions for this solution are identified in the following table.

|  |  |
| --- | --- |
| **No.** | **Assumptions and Exclusions** |
| 1 | For Baseband devices we are not modelling the Radio Interfaces |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

## Port Archetypes

|  |  |
| --- | --- |
| **Port Name** | **Archetype ID** |
| DC | 10070082038 |
| AC | 10070082016 |
| 10 Gigabit Ethernet | 10070082001 |
| 25GE | 94645684576433707 |
| 100 GE | 10070082005 |
| Gigabit Ethernet | 10070082071 |
| RJ-45 | 10070082117 |
| 40 Gigabit Ethernet | 10070082014 |
| RAU | 10070082113 |
| DS1 | 10070082043 |

# Device Modeling

## Device Model Ericsson 6648

### Device Types

Following device types will be configured in the BPI using Metadata Modeler. Roger’s project is not using the Rack so category should be defined as ‘Generic.’

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Manufacturer** | **Device Type**  **Family** | **Archetype Name** | **Archetype Instance Name** | **Description** | **Part Number** | **Positions Used** | **Width**  **(In Inches)** | **Category** |
| Ericsson | IPRAN Family | Ericsson Baseband 6648 | Ericsson Baseband 6648 | Ericsson Baseband 6648 | Ericsson Baseband 6648 | 1 | 19 | Generic |

### Shelf Position Types

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Device Archetype** | **Device Type**  **Family** | **ShelfPosition Archetype Name** | **ShelfPosition Archetype Instance Name** | **Position Sequence** |
| Ericsson Baseband 6648 | IPRAN Family | Ericsson Baseband 6648 Shelf Position | Shelf Pos 1 | 0 |

### Shelf Types

Configure the following shelf types under the parent ShelfPosition type as per the below details.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ShelfPosition Archetype** | **Shelf Archetype Name** | **Shelf Archetype Instance Name** | **Part Number** | **Description** | **Positions Used** | **Width (in Inches)** |
| Ericsson Baseband 6648 Shelf Position | Ericsson Baseband 6648 Shelf | Shelf-1 | Ericsson Baseband 6648 Shelf | Ericsson Baseband 6648 Shelf | 1 | 19 |

### Shelf Slots

NA

### Card Types

NA

### Card Compatibility for slots

NA

### Physical Termination Position for Shelf

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Shelf archetype name | PTP’s Family | PTP Archetype name | PTP Archetype Instance Name | Position Sequence |
| Ericsson Baseband 6648 Shelf | IPRAN | QSFP28 | TN A | 0 |
| IPRAN | SFP28 | TN B | 1 |
|
| IPRAN | SFP28 | TN C | 2 |
|
| IPRAN | SFP28 | TN D | 3 |

### Pluggable Types

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Archetype** | **Archetype Instance Name** | **Description** | **Part Number** | **Positions Used** | **Vendor** | **Physical Ports** |
| SFP:Ericsson-10GBASE -Pluggable | SFP:Ericsson-10GBASE -Pluggable | SFP:Ericsson-10GBASE | SFP:Ericsson-10GBASE | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-ZX -Pluggable | SFP:Ericsson-1000BASE-ZX -Pluggable | SFP:Ericsson-1000BASE-ZX -Pluggable | SFP:Ericsson-1000BASE-ZX -Pluggable | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE -Pluggable | SFP:Ericsson-1000BASE -Pluggable | SFP:Ericsson-1000BASE | SFP:Ericsson-1000BASE | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-SX -Pluggable | SFP:Ericsson-1000BASE-SX -Pluggable | SFP:Ericsson-1000BASE-SX | SFP:Ericsson-1000BASE-SX | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-LX -Pluggable | SFP:Ericsson-1000BASE-LX -Pluggable | SFP:Ericsson-1000BASE-LX | SFP:Ericsson-1000BASE-LX | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-LX20 -Pluggable | SFP:Ericsson-1000BASE-LX20 -Pluggable | SFP:Ericsson-1000BASE-LX20 | SFP:Ericsson-1000BASE-LX20 | 1 | Ericsson | 1 |
| SFP:Ericsson-10GBASE-SR -Pluggable | SFP:Ericsson-10GBASE-SR -Pluggable | SFP:Ericsson-10GBASE-SR | SFP:Ericsson-10GBASE-SR | 1 | Ericsson | 1 |
| SFP:Ericsson-10GBASE-LR -Pluggable | SFP:Ericsson-10GBASE-LR -Pluggable | SFP:Ericsson-10GBASE-LR | SFP:Ericsson-10GBASE-LR | 1 | Ericsson | 1 |
| SFP:Ericsson-10GBASE-BX20 -Pluggable | SFP:Ericsson-10GBASE-BX20 -Pluggable | SFP:Ericsson-10GBASE-BX20 | SFP:Ericsson-10GBASE-BX20 | 1 | Ericsson | 1 |
| SFP:Ericsson-10GBASE-BX30 -Pluggable | SFP:Ericsson-10GBASE-BX30 -Pluggable | SFP:Ericsson-10GBASE-BX30 | SFP:Ericsson-10GBASE-BX30 | 1 | Ericsson | 1 |
| SFP:Ericsson-25GBASE -Pluggable | SFP:Ericsson-25GBASE -Pluggable | SFP:Ericsson-25GBASE | SFP:Ericsson-25GBASE | 1 | Ericsson | 1 |
| SFP:Ericsson-25GBASE-LR -Pluggable | SFP:Ericsson-25GBASE-LR -Pluggable | SFP:Ericsson-25GBASE-LR | SFP:Ericsson-25GBASE-LR | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-T -Pluggable | SFP:Ericsson-1000BASE-T -Pluggable | SFP:Ericsson-1000BASE-T | SFP:Ericsson-1000BASE-T | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-BX10 -Pluggable | SFP:Ericsson-1000BASE-BX10 -Pluggable | SFP:Ericsson-1000BASE-BX10 | SFP:Ericsson-1000BASE-BX10 | 1 | Ericsson | 1 |
| SFP:Ericsson-100GBASE -Pluggable | SFP:Ericsson-100GBASE -Pluggable | SFP:Ericsson-100GBASE | SFP:Ericsson-100GBASE | 1 | Ericsson | 1 |
| SFP:Ericsson-25GBASE-BX15 -Pluggable | SFP:Ericsson-25GBASE-BX15 -Pluggable | SFP:Ericsson-25GBASE-BX15 | SFP:Ericsson-25GBASE-BX15 | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-BX20 -Pluggable | 8SFP:Ericsson-1000BASE-BX20 -Pluggable | 8SFP:Ericsson-1000BASE-BX20 | 8SFP:Ericsson-1000BASE-BX20 | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-BX40 -Pluggable | SFP:Ericsson-1000BASE-BX40 -Pluggable | SFP:Ericsson-1000BASE-BX40 | SFP:Ericsson-1000BASE-BX40 | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-LX10 -Pluggable | SFP:Ericsson-1000BASE-LX10 -Pluggable | SFP:Ericsson-1000BASE-BX40 | SFP:Ericsson-1000BASE-LX10 | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-LX40 -Pluggable | SFP:Ericsson-1000BASE-LX40 -Pluggable | SFP:Ericsson-1000BASE-BX40 | SFP:Ericsson-1000BASE-LX40 | 1 | Ericsson | 1 |

### Pluggable Compatible for PTP

|  |  |  |
| --- | --- | --- |
| **PhysicalTermination Position Archetype** | **Pluggable Archetype** | **Notes** |
| 1. QSFP28(TN A)  2. SFP28(TN B)  3. SFP28(TN C)  4. SFP28(TN D) | SFP:Ericsson-10GBASE -Pluggable |  |
| SFP:Ericsson-1000BASE-ZX -Pluggable |  |
| SFP:Ericsson-1000BASE -Pluggable |  |
| SFP:Ericsson-1000BASE-SX -Pluggable |  |
| SFP:Ericsson-1000BASE-LX -Pluggable |  |
| SFP:Ericsson-1000BASE-LX20 -Pluggable |  |
| SFP:Ericsson-10GBASE-SR -Pluggable |  |
| SFP:Ericsson-10GBASE-LR -Pluggable |  |
| SFP:Ericsson-10GBASE-BX20 -Pluggable |  |
| SFP:Ericsson-10GBASE-BX30 -Pluggable |  |
| SFP:Ericsson-25GBASE -Pluggable |  |
| SFP:Ericsson-25GBASE-LR -Pluggable |  |
| SFP:Ericsson-1000BASE-T -Pluggable |  |
| SFP:Ericsson-1000BASE-BX10 -Pluggable |  |
| SFP:Ericsson-100GBASE -Pluggable |  |
| SFP:Ericsson-25GBASE-BX15 -Pluggable |  |
| 8SFP:Ericsson-1000BASE-BX20 -Pluggable |  |
| SFP:Ericsson-1000BASE-BX40 -Pluggable |  |
| SFP:Ericsson-1000BASE-LX10 -Pluggable |  |
| SFP:Ericsson-1000BASE-LX40 -Pluggable |  |

### Port Compatibility

#### Card Ports

NA

#### Device Ports

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Device Archetype Instance Name** | **Port Archetype** | **Port Archetype Instance** | **Port Number** | **Port Sequence** | **Port Type Name** | **Logical Interface Required** |
|
| Ericsson Baseband 6648 | DC | -48 V DC A | 1 | 1 | DC | No |
| DC | -48 V DC B | 2 | 2 | DC | No |
| RJ-45 | TN E | 3 | 3 | RJ-45 | No |
| RJ-45 | SYNC | 4 | 4 | RJ-45 | No |
| RJ-45 | ALARM 1 | 5 | 5 | RJ-45 | No |
| RJ-45 | ALARM 2 | 6 | 6 | RJ-45 | No |
| RJ-45 | LMT | 7 | 7 | RJ-45 | No |
| USB3.1 TYPE-C | USB | 8 | 8 | USB3.1 TYPE-C | No |

#### Pluggable Ports

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Pluggable Archetype Name** | **Port Archetype** | **Port Archetype Instance** | **Port Number** | **Port Sequence** | **Port Type Name** | **Logical Interface Required** |
| SFP:Ericsson-10GBASE -Pluggable | 10 Gigabit Ethernet | TN B | 1 | 1 | 10 Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-ZX -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-SX -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-LX -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-LX20 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-10GBASE-SR -Pluggable | 10 Gigabit Ethernet | TN B | 1 | 1 | 10 Gigabit Ethernet | No |
| SFP:Ericsson-10GBASE-LR -Pluggable | 10 Gigabit Ethernet | TN B | 1 | 1 | 10 Gigabit Ethernet | No |
| SFP:Ericsson-10GBASE-BX20 -Pluggable | 10 Gigabit Ethernet | TN B | 1 | 1 | 10 Gigabit Ethernet | No |
| SFP:Ericsson-10GBASE-BX30 -Pluggable | 10 Gigabit Ethernet | TN B | 1 | 1 | 10 Gigabit Ethernet | No |
| SFP:Ericsson-25GBASE -Pluggable | 25GE | TN B | 1 | 1 | 25GE | No |
| SFP:Ericsson-25GBASE-LR -Pluggable | 25GE | TN B | 1 | 1 | 25GE | No . |
| SFP:Ericsson-1000BASE-T -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-BX10 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-100GBASE -Pluggable | 100 GE | TN B | 1 | 1 | 100 GE | No |
| SFP:Ericsson-25GBASE-BX15 -Pluggable | 25GE | TN B | 1 | 1 | 25GE | No |
| SFP:Ericsson-1000BASE-BX20 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-BX40 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-LX10 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-LX40 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |

## Device Model Ericsson 6651

### Device Types

Following device types will be configured in the BPI using Metadata Modeler. Roger’s project is not using the Rack so category should be defined as ‘Generic’

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Manufacturer** | **Device Type**  **Family** | **Archetype Name** | **Archetype Instance Name** | **Description** | **Part Number** | **Positions Used** | **Width**  **(In Inches)** | **Category** |
| Ericsson | IPRAN Family | Ericsson RAN Processor 6651 | Ericsson RAN Processor 6651 | Ericsson RAN Processor 6651 | Ericsson RAN Processor 6651 | 1 | 19 | Generic |

### Shelf Position Types

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Device Archetype** | **Device Type**  **Family** | **ShelfPosition Archetype Name** | **ShelfPosition Archetype Instance Name** | **Position Sequence** |
| Ericsson RAN Processor 6651 | IPRAN Family | Ericsson RAN Processor 6651 Shelf Position | Shelf Pos 1 | 0 |

### Shelf Types

Configure the following shelf types under the parent ShelfPosition type as per the below details

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ShelfPosition Archetype** | **Shelf Archetype Name** | **Shelf Archetype Instance Name** | **Part Number** | **Description** | **Positions Used** | **Width (in Inches)** |
| Ericsson RAN Processor 6651 Shelf Position | Ericsson RAN Processor 6651 Shelf | Shelf-1 | Ericsson RAN Proceesor 6651 Shelf | Ericsson RAN Processor 6651  Shelf | 1 | 19 |

### Shelf Slots

NA

### Card Types

NA

### Card Compatibility for slots

NA

### Physical Termination Position for Shelf

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Shelf archetype name | PTP’s Family | PTP Archetype name | PTP Archetype Instance Name | Position Sequence |
| Ericsson RAN Processor 6651 Shelf | IPRAN | QSFP28 | TN A | 0 |
| IPRAN | SFP28 | TN B | 1 |
|
| IPRAN | SFP28 | TN C | 2 |
| IPRAN | SFP28 | TN D | 3 |

### Pluggable Types

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Archetype** | **Archetype Instance Name** | **Description** | **Part Number** | **Positions Used** | **Vendor** | **Physical Ports** |
| SFP:Ericsson-10GBASE -Pluggable | SFP:Ericsson-10GBASE -Pluggable | SFP:Ericsson-10GBASE | SFP:Ericsson-10GBASE | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-ZX -Pluggable | SFP:Ericsson-1000BASE-ZX -Pluggable | SFP:Ericsson-1000BASE-ZX -Pluggable | SFP:Ericsson-1000BASE-ZX -Pluggable | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE -Pluggable | SFP:Ericsson-1000BASE -Pluggable | SFP:Ericsson-1000BASE | SFP:Ericsson-1000BASE | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-SX -Pluggable | SFP:Ericsson-1000BASE-SX -Pluggable | SFP:Ericsson-1000BASE-SX | SFP:Ericsson-1000BASE-SX | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-LX -Pluggable | SFP:Ericsson-1000BASE-LX -Pluggable | SFP:Ericsson-1000BASE-LX | SFP:Ericsson-1000BASE-LX | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-LX20 -Pluggable | SFP:Ericsson-1000BASE-LX20 -Pluggable | SFP:Ericsson-1000BASE-LX20 | SFP:Ericsson-1000BASE-LX20 | 1 | Ericsson | 1 |
| SFP:Ericsson-10GBASE-SR -Pluggable | SFP:Ericsson-10GBASE-SR -Pluggable | SFP:Ericsson-10GBASE-SR | SFP:Ericsson-10GBASE-SR | 1 | Ericsson | 1 |
| SFP:Ericsson-10GBASE-LR -Pluggable | SFP:Ericsson-10GBASE-LR -Pluggable | SFP:Ericsson-10GBASE-LR | SFP:Ericsson-10GBASE-LR | 1 | Ericsson | 1 |
| SFP:Ericsson-10GBASE-BX20 -Pluggable | SFP:Ericsson-10GBASE-BX20 -Pluggable | SFP:Ericsson-10GBASE-BX20 | SFP:Ericsson-10GBASE-BX20 | 1 | Ericsson | 1 |
| SFP:Ericsson-10GBASE-BX30 -Pluggable | SFP:Ericsson-10GBASE-BX30 -Pluggable | SFP:Ericsson-10GBASE-BX30 | SFP:Ericsson-10GBASE-BX30 | 1 | Ericsson | 1 |
| SFP:Ericsson-25GBASE -Pluggable | SFP:Ericsson-25GBASE -Pluggable | SFP:Ericsson-25GBASE | SFP:Ericsson-25GBASE | 1 | Ericsson | 1 |
| SFP:Ericsson-25GBASE-LR -Pluggable | SFP:Ericsson-25GBASE-LR -Pluggable | SFP:Ericsson-25GBASE-LR | SFP:Ericsson-25GBASE-LR | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-T -Pluggable | SFP:Ericsson-1000BASE-T -Pluggable | SFP:Ericsson-1000BASE-T | SFP:Ericsson-1000BASE-T | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-BX10 -Pluggable | SFP:Ericsson-1000BASE-BX10 -Pluggable | SFP:Ericsson-1000BASE-BX10 | SFP:Ericsson-1000BASE-BX10 | 1 | Ericsson | 1 |
| SFP:Ericsson-100GBASE -Pluggable | SFP:Ericsson-100GBASE -Pluggable | SFP:Ericsson-100GBASE | SFP:Ericsson-100GBASE | 1 | Ericsson | 1 |
| SFP:Ericsson-25GBASE-BX15 -Pluggable | SFP:Ericsson-25GBASE-BX15 -Pluggable | SFP:Ericsson-25GBASE-BX15 | SFP:Ericsson-25GBASE-BX15 | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-BX20 -Pluggable | 8SFP:Ericsson-1000BASE-BX20 -Pluggable | 8SFP:Ericsson-1000BASE-BX20 | 8SFP:Ericsson-1000BASE-BX20 | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-BX40 -Pluggable | SFP:Ericsson-1000BASE-BX40 -Pluggable | SFP:Ericsson-1000BASE-BX40 | SFP:Ericsson-1000BASE-BX40 | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-LX10 -Pluggable | SFP:Ericsson-1000BASE-LX10 -Pluggable | SFP:Ericsson-1000BASE-LX10 | SFP:Ericsson-1000BASE-LX10 | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-LX40 -Pluggable | SFP:Ericsson-1000BASE-LX40 -Pluggable | SFP:Ericsson-1000BASE-LX40 | SFP:Ericsson-1000BASE-LX40 | 1 | Ericsson | 1 |

### Pluggable Compatible for PTP

|  |  |  |
| --- | --- | --- |
| **PhysicalTermination Position Archetype** | **Pluggable Archetype** | **Notes** |
| 1. QSFP28(TN A)  2. SFP28(TN B)  3. SFP28(TN C)  4. SFP28(TN D) | SFP:Ericsson-10GBASE -Pluggable |  |
| SFP:Ericsson-1000BASE-ZX -Pluggable |  |
| SFP:Ericsson-1000BASE -Pluggable |  |
| SFP:Ericsson-1000BASE-SX -Pluggable |  |
| SFP:Ericsson-1000BASE-LX -Pluggable |  |
| SFP:Ericsson-1000BASE-LX20 -Pluggable |  |
| SFP:Ericsson-10GBASE-SR -Pluggable |  |
| SFP:Ericsson-10GBASE-LR -Pluggable |  |
| SFP:Ericsson-10GBASE-BX20 -Pluggable |  |
| SFP:Ericsson-10GBASE-BX30 -Pluggable |  |
| SFP:Ericsson-25GBASE -Pluggable |  |
| SFP:Ericsson-25GBASE-LR -Pluggable |  |
| SFP:Ericsson-1000BASE-T -Pluggable |  |
| SFP:Ericsson-1000BASE-BX10 -Pluggable |  |
| SFP:Ericsson-100GBASE -Pluggable |  |
| SFP:Ericsson-25GBASE-BX15 -Pluggable |  |
| SFP:Ericsson-1000BASE-BX20 -Pluggable |  |
| SFP:Ericsson-1000BASE-BX40 -Pluggable |  |
| SFP:Ericsson-1000BASE-LX10 -Pluggable |  |
| SFP:Ericsson-1000BASE-LX40 -Pluggable |  |

### Port Compatibility

#### Card Ports

NA

#### Device Ports

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Device Archetype Instance Name** | **Port Archetype** | **Port Archetype Instance** | **Port Number** | **Port Sequence** | **Port Type Name** | **Logical Interface Required** |
|
| Ericsson Baseband 6651 | DC | -48 V DC A | 1 | 1 | DC | No |
| DC | -48 V DC B | 2 | 2 | DC | No |
| RJ-45 | TN E | 3 | 3 | RJ-45 | No |
| RJ-45 | SYNC | 4 | 4 | RJ-45 | No |
| RJ-45 | ALARM 1 | 5 | 5 | RJ-45 | No |
| RJ-45 | ALARM 2 | 6 | 6 | RJ-45 | No |
| RJ-45 | LMT | 7 | 7 | RJ-45 | No |
| USB 3.1 TYPE-C | USB | 8 | 8 | USB | No |

#### Pluggable Ports

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Pluggable Archetype Name** | **Port Archetype** | **Port Archetype Instance** | **Port Number** | **Port Sequence** | **Port Type Name** | **Logical Interface Required** |
| SFP:Ericsson-10GBASE -Pluggable | 10 Gigabit Ethernet | TN B | 1 | 1 | 10 Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-ZX -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-SX -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-LX -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-LX20 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-10GBASE-SR -Pluggable | 10 Gigabit Ethernet | TN B | 1 | 1 | 10 Gigabit Ethernet | No |
| SFP:Ericsson-10GBASE-LR -Pluggable | 10 Gigabit Ethernet | TN B | 1 | 1 | 10 Gigabit Ethernet | No |
| SFP:Ericsson-10GBASE-BX20 -Pluggable | 10 Gigabit Ethernet | TN B | 1 | 1 | 10 Gigabit Ethernet | No |
| SFP:Ericsson-10GBASE-BX30 -Pluggable | 10 Gigabit Ethernet | TN B | 1 | 1 | 10 Gigabit Ethernet | No |
| SFP:Ericsson-25GBASE -Pluggable | 25GE | TN B | 1 | 1 | 25GE | No |
| SFP:Ericsson-25GBASE-LR -Pluggable | 25GE | TN B | 1 | 1 | 25GE | No |
| SFP:Ericsson-1000BASE-T -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-BX10 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-100GBASE -Pluggable | 100 GE | TN B | 1 | 1 | 100 GE | No |
| SFP:Ericsson-25GBASE-BX15 -Pluggable | 25GE | TN B | 1 | 1 | 25GE | No |
| SFP:Ericsson-1000BASE-BX20 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-BX40 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-LX10 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-LX40 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |

## Device Model Ericsson 6620

### Device Types

Following device types will be configured in the BPI using Metadata Modeler. Rogers project is not using the Rack so category should be defined as ‘Generic’

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Manufacturer** | **Device Type**  **Family** | **Archetype Name** | **Archetype Instance Name** | **Description** | **Part Number** | **Positions Used** | **Width**  **(In Inches)** | **Category** |
| Ericsson | IPRAN Family | Ericsson Baseband 6620 | Ericsson Baseband 6620 | Ericsson Baseband 6620 | EricssonBaseband6620 | 1 | 19 | Generic |

### Shelf Position Types

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Device Archetype** | **Device Type**  **Family** | **ShelfPosition Archetype Name** | **ShelfPosition Archetype Instance Name** | **Position Sequence** |
| Ericsson Baseband 6620 | IPRAN Family | Ericsson Baseband 6620 Shelf Position | Shelf Pos 1 | 0 |

### Shelf Types

Configure the following shelf types under the parent ShelfPosition type as per the below details

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ShelfPosition Archetype** | **Shelf Archetype Name** | **Shelf Archetype Instance Name** | **Part Number** | **Description** | **Positions Used** | **Width (in Inches)** |
| Ericsson Baseband 6620 Shelf Position | Ericsson RAN Processor 6620 Shelf | Shelf-1 | Ericsson Baseband 6620 Shelf | Ericsson Baseband 6620 | 1 | 19 |

### Shelf Slots

NA

### Card Types

NA

### Card Compatibility for slots

NA

### Physical Termination Position for Shelf

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Shelf archetype name | PTP’s Family | PTP Archetype name | PTP Archetype Instance Name | Position Sequence |
| Ericsson RAN Processor 6620 Shelf | IPRAN | SFP+ | TN A | 0 |
| IPRAN | SFP+ | TN B | 1 |

### Pluggable Types

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Archetype** | **Archetype Instance Name** | **Description** | **Part Number** | **Positions Used** | **Vendor** | **Physical Ports** |
| SFP:Ericsson-10GBASE -Pluggable | SFP:Ericsson-10GBASE -Pluggable | SFP:Ericsson-10GBASE | SFP:Ericsson-10GBASE | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-ZX -Pluggable | SFP:Ericsson-1000BASE-ZX -Pluggable | SFP:Ericsson-1000BASE-ZX -Pluggable | SFP:Ericsson-1000BASE-ZX -Pluggable | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE -Pluggable | SFP:Ericsson-1000BASE -Pluggable | SFP:Ericsson-1000BASE | SFP:Ericsson-1000BASE | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-SX -Pluggable | SFP:Ericsson-1000BASE-SX -Pluggable | SFP:Ericsson-1000BASE-SX | SFP:Ericsson-1000BASE-SX | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-LX -Pluggable | SFP:Ericsson-1000BASE-LX -Pluggable | SFP:Ericsson-1000BASE-LX | SFP:Ericsson-1000BASE-LX | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-LX20 -Pluggable | SFP:Ericsson-1000BASE-LX20 -Pluggable | SFP:Ericsson-1000BASE-LX20 | SFP:Ericsson-1000BASE-LX20 | 1 | Ericsson | 1 |
| SFP:Ericsson-10GBASE-SR -Pluggable | SFP:Ericsson-10GBASE-SR -Pluggable | SFP:Ericsson-10GBASE-SR | SFP:Ericsson-10GBASE-SR | 1 | Ericsson | 1 |
| SFP:Ericsson-10GBASE-LR -Pluggable | SFP:Ericsson-10GBASE-LR -Pluggable | SFP:Ericsson-10GBASE-LR | SFP:Ericsson-10GBASE-LR | 1 | Ericsson | 1 |
| SFP:Ericsson-10GBASE-BX20 -Pluggable | SFP:Ericsson-10GBASE-BX20 -Pluggable | SFP:Ericsson-10GBASE-BX20 | SFP:Ericsson-10GBASE-BX20 | 1 | Ericsson | 1 |
| SFP:Ericsson-10GBASE-BX30 -Pluggable | SFP:Ericsson-10GBASE-BX30 -Pluggable | SFP:Ericsson-10GBASE-BX30 | SFP:Ericsson-10GBASE-BX30 | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-BX10 -Pluggable | SFP:Ericsson-1000BASE-BX10 -Pluggable | SFP:Ericsson-1000BASE-BX10 | SFP:Ericsson-1000BASE-BX10 | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-BX20 -Pluggable | 8SFP:Ericsson-1000BASE-BX20 -Pluggable | 8SFP:Ericsson-1000BASE-BX20 | 8SFP:Ericsson-1000BASE-BX20 | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-BX40 -Pluggable | SFP:Ericsson-1000BASE-BX40 -Pluggable | SFP:Ericsson-1000BASE-BX40 | SFP:Ericsson-1000BASE-BX40 | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-LX10 -Pluggable | SFP:Ericsson-1000BASE-LX10 -Pluggable | SFP:Ericsson-1000BASE-LX10 | SFP:Ericsson-1000BASE-LX10 | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-LX40 -Pluggable | SFP:Ericsson-1000BASE-LX40 -Pluggable | SFP:Ericsson-1000BASE-LX40 | SFP:Ericsson-1000BASE-LX40 | 1 | Ericsson | 1 |

### Pluggable Compatible for PTP

|  |  |  |
| --- | --- | --- |
| **PhysicalTermination Position Archetype** | **Pluggable Archetype** | **Notes** |
| 1. SFP+(TN A)  2. SFP+(TN B) | SFP:Ericsson-10GBASE -Pluggable |  |
| SFP:Ericsson-1000BASE-ZX -Pluggable |  |
| SFP:Ericsson-1000BASE -Pluggable |  |
| SFP:Ericsson-1000BASE-SX -Pluggable |  |
| SFP:Ericsson-1000BASE-LX -Pluggable |  |
| SFP:Ericsson-1000BASE-LX20 -Pluggable |  |
| SFP:Ericsson-10GBASE-SR -Pluggable |  |
| SFP:Ericsson-10GBASE-LR -Pluggable |  |
| SFP:Ericsson-10GBASE-BX20 -Pluggable |  |
| SFP:Ericsson-10GBASE-BX30 -Pluggable |  |
| SFP:Ericsson-1000BASE-BX10 -Pluggable |  |
| SFP:Ericsson-1000BASE-BX20 -Pluggable |  |
| SFP:Ericsson-1000BASE-BX40 -Pluggable |  |
| SFP:Ericsson-1000BASE-LX10 -Pluggable |  |
| SFP:Ericsson-1000BASE-LX40 -Pluggable |  |

### Port Compatibility

#### Card Ports

NA

#### Device Ports

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Device Archetype Instance Name** | **Port Archetype** | **Port Archetype Instance** | **Port Number** | **Port Sequence** | **Port Type Name** | **Logical Interface Required** |
|
| Ericsson Baseband 6620 | DC | -48 V DC A | 1 | 1 | DC | No |
| DC | -48 V DC B | 2 | 2 | DC | No |
| RJ-45 | TN C | 3 | 3 | RJ-45 | No |
| RJ-45 | TN D | 4 | 4 | RJ-45 | No |
| Xcede | IDL A | 5 | 5 | Xcede | No |
| Xcede | IDL B | 6 | 6 | Xcede | No |
| RJ-45 | SYNC | 7 | 7 | RJ-45 | No |
| RJ-45 | SAU | 8 | 8 | RJ-45 | No |
| RJ-45 | LMT | 9 | 9 | RJ-45 | No |
| RJ-45 | EC | 10 | 10 | RJ-45 | No |
| RJ-45 | ALARM | 11 | 11 | RJ-45 | No |

#### Pluggable Ports

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Pluggable Archetype Name** | **Port Archetype** | **Port Archetype Instance** | **Port Number** | **Port Sequence** | **Port Type Name** | **Logical Interface Required** |
| SFP:Ericsson-10GBASE -Pluggable | 10 Gigabit Ethernet | TN B | 1 | 1 | 10 Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-ZX -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-SX -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-LX -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-LX20 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-10GBASE-SR -Pluggable | 10 Gigabit Ethernet | TN B | 1 | 1 | 10 Gigabit Ethernet | No |
| SFP:Ericsson-10GBASE-LR -Pluggable | 10 Gigabit Ethernet | TN B | 1 | 1 | 10 Gigabit Ethernet | No |
| SFP:Ericsson-10GBASE-BX20 -Pluggable | 10 Gigabit Ethernet | TN B | 1 | 1 | 10 Gigabit Ethernet | No |
| SFP:Ericsson-10GBASE-BX30 -Pluggable | 10 Gigabit Ethernet | TN B | 1 | 1 | 10 Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-BX10 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-BX20 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-BX40 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-LX10 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-LX40 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |

## Device Model Ericsson 6705

### Device Types

Following device types will be configured in the BPI using Metadata Modeler. Rogers project is not using the Rack so category should be defined as ‘Generic’

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Manufacturer** | **Device Type**  **Family** | **Archetype Name** | **Archetype Instance Name** | **Description** | **Part Number** | **Positions Used** | **Width**  **(In Inches)** | **Category** |
| Ericsson | IPRAN Family | Ericsson Streetmacro 6705 | Ericsson Streetmacro 6705 | Ericsson Streetmacro 6705 | Ericsson Streetmacro 6705 | 1 | 19 | Generic |

### Shelf Position Types

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Device Archetype** | **Device Type**  **Family** | **ShelfPosition Archetype Name** | **ShelfPosition Archetype Instance Name** | **Position Sequence** |
| Ericsson Streetmacro 6705 | Ericsson Family | Ericsson Streetmacro 6705 Shelf Position | Shelf Pos 1 | 0 |

### Shelf Types

Configure the following shelf types under the parent ShelfPosition type as per the below details.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ShelfPosition Archetype** | **Shelf Archetype Name** | **Shelf Archetype Instance Name** | **Part Number** | **Description** | **Positions Used** | **Width (in Inches)** |
| Ericsson Streetmacro 6705 Shelf Position | Ericsson Streetmacro 6705 Shelf | Shelf-1 | Ericsson Streetmacro 6705-Shelf | Ericsson Streetmacro 6705-Shelf | 1 | 19 |

### Shelf Slots

NA

### Card Types

NA

### Card Compatibility for slots

NA

### Physical Termination Position for Shelf

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Shelf archetype name | PTP’s Family | PTP Archetype name | PTP Archetype Instance Name | Position Sequence |
| Ericsson Strretmacro 6705 Shelf | IPRAN | SFP+ | TN A | 0 |
| IPRAN | SFP28 | TN B | 1 |

### Pluggable Types

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Archetype** | **Archetype Instance Name** | **Description** | **Part Number** | **Positions Used** | **Vendor** | **Physical Ports** |
| SFP:Ericsson-10GBASE -Pluggable | SFP:Ericsson-10GBASE -Pluggable | SFP:Ericsson-10GBASE | SFP:Ericsson-10GBASE | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-ZX -Pluggable | SFP:Ericsson-1000BASE-ZX -Pluggable | SFP:Ericsson-1000BASE-ZX -Pluggable | SFP:Ericsson-1000BASE-ZX -Pluggable | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE -Pluggable | SFP:Ericsson-1000BASE -Pluggable | SFP:Ericsson-1000BASE | SFP:Ericsson-1000BASE | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-SX -Pluggable | SFP:Ericsson-1000BASE-SX -Pluggable | SFP:Ericsson-1000BASE-SX | SFP:Ericsson-1000BASE-SX | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-LX -Pluggable | SFP:Ericsson-1000BASE-LX -Pluggable | SFP:Ericsson-1000BASE-LX | SFP:Ericsson-1000BASE-LX | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-LX20 -Pluggable | SFP:Ericsson-1000BASE-LX20 -Pluggable | SFP:Ericsson-1000BASE-LX20 | SFP:Ericsson-1000BASE-LX20 | 1 | Ericsson | 1 |
| SFP:Ericsson-10GBASE-SR -Pluggable | SFP:Ericsson-10GBASE-SR -Pluggable | SFP:Ericsson-10GBASE-SR | SFP:Ericsson-10GBASE-SR | 1 | Ericsson | 1 |
| SFP:Ericsson-10GBASE-LR -Pluggable | SFP:Ericsson-10GBASE-LR -Pluggable | SFP:Ericsson-10GBASE-LR | SFP:Ericsson-10GBASE-LR | 1 | Ericsson | 1 |
| SFP:Ericsson-10GBASE-BX20 -Pluggable | SFP:Ericsson-10GBASE-BX20 -Pluggable | SFP:Ericsson-10GBASE-BX20 | SFP:Ericsson-10GBASE-BX20 | 1 | Ericsson | 1 |
| SFP:Ericsson-10GBASE-BX30 -Pluggable | SFP:Ericsson-10GBASE-BX30 -Pluggable | SFP:Ericsson-10GBASE-BX30 | SFP:Ericsson-10GBASE-BX30 | 1 | Ericsson | 1 |
| SFP:Ericsson-25GBASE -Pluggable | SFP:Ericsson-25GBASE -Pluggable | SFP:Ericsson-25GBASE | SFP:Ericsson-25GBASE | 1 | Ericsson | 1 |
| SFP:Ericsson-25GBASE-LR -Pluggable | SFP:Ericsson-25GBASE-LR -Pluggable | SFP:Ericsson-25GBASE-LR | SFP:Ericsson-25GBASE-LR | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-T -Pluggable | SFP:Ericsson-1000BASE-T -Pluggable | SFP:Ericsson-1000BASE-T | SFP:Ericsson-1000BASE-T | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-BX10 -Pluggable | SFP:Ericsson-1000BASE-BX10 -Pluggable | SFP:Ericsson-1000BASE-BX10 | SFP:Ericsson-1000BASE-BX10 | 1 | Ericsson | 1 |
| SFP:Ericsson-100GBASE -Pluggable | SFP:Ericsson-100GBASE -Pluggable | SFP:Ericsson-100GBASE | SFP:Ericsson-100GBASE | 1 | Ericsson | 1 |
| SFP:Ericsson-25GBASE-BX15 -Pluggable | SFP:Ericsson-25GBASE-BX15 -Pluggable | SFP:Ericsson-25GBASE-BX15 | SFP:Ericsson-25GBASE-BX15 | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-BX20 -Pluggable | SFP:Ericsson-1000BASE-BX20 -Pluggable | 8SFP:Ericsson-1000BASE-BX20 | 8SFP:Ericsson-1000BASE-BX20 | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-BX40 -Pluggable | SFP:Ericsson-1000BASE-BX40 -Pluggable | SFP:Ericsson-1000BASE-BX40 | SFP:Ericsson-1000BASE-BX40 | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-LX10 -Pluggable | SFP:Ericsson-1000BASE-LX10 -Pluggable | SFP:Ericsson-1000BASE-BX40 | SFP:Ericsson-1000BASE-LX10 | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-LX40 -Pluggable | SFP:Ericsson-1000BASE-LX40 -Pluggable | SFP:Ericsson-1000BASE-BX40 | SFP:Ericsson-1000BASE-LX40 | 1 | Ericsson | 1 |

### Pluggable Compatible for PTP

|  |  |  |
| --- | --- | --- |
| **PhysicalTermination Position Archetype** | **Pluggable Archetype** | **Notes** |
| 1. SFP+(TN A)  2. SFP28(TN B) | SFP:Ericsson-10GBASE -Pluggable |  |
| SFP:Ericsson-1000BASE-ZX -Pluggable |  |
| SFP:Ericsson-1000BASE -Pluggable |  |
| SFP:Ericsson-1000BASE-SX -Pluggable |  |
| SFP:Ericsson-1000BASE-LX -Pluggable |  |
| SFP:Ericsson-1000BASE-LX20 -Pluggable |  |
| SFP:Ericsson-10GBASE-SR -Pluggable |  |
| SFP:Ericsson-10GBASE-LR -Pluggable |  |
| SFP:Ericsson-10GBASE-BX20 -Pluggable |  |
| SFP:Ericsson-10GBASE-BX30 -Pluggable |  |
| SFP:Ericsson-25GBASE -Pluggable |  |
| SFP:Ericsson-25GBASE-LR -Pluggable |  |
| SFP:Ericsson-1000BASE-T -Pluggable |  |
| SFP:Ericsson-1000BASE-BX10 -Pluggable |  |
| SFP:Ericsson-100GBASE -Pluggable |  |
| SFP:Ericsson-25GBASE-BX15 -Pluggable |  |
| SFP:Ericsson-1000BASE-BX20 -Pluggable |  |
| SFP:Ericsson-1000BASE-BX40 -Pluggable |  |
| SFP:Ericsson-1000BASE-LX10 -Pluggable |  |
| SFP:Ericsson-1000BASE-LX40 -Pluggable |  |

### Port Compatibility

#### Card Ports

NA

#### Device Ports

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Device Archetype Instance Name** | **Port Archetype** | **Port Archetype Instance** | **Port Number** | **Port Sequence** | **Port Type Name** | **Logical Interface Required** |
|
| Ericsson Baseband 6705 | USB-C | USB | 1 | 1 | USB-C | No |
| RJ-45 | LMT | 2 | 2 | RJ-45 | No |
| RJ-45 | EC | 3 | 3 | RJ-45 | No |
| AC | 100-240V,50-60HZ | 4 | 4 | AC | No |
| DC | -48V | 5 | 5 | DC | No |

#### Pluggable Ports

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Pluggable Archetype Name** | **Port Archetype** | **Port Archetype Instance** | **Port Number** | **Port Sequence** | **Port Type Name** | **Logical Interface Required** |
| SFP:Ericsson-10GBASE -Pluggable | 10 Gigabit Ethernet | TN B | 1 | 1 | 10 Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-ZX -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-SX -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-LX -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-LX20 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-10GBASE-SR -Pluggable | 10 Gigabit Ethernet | TN B | 1 | 1 | 10 Gigabit Ethernet | No |
| SFP:Ericsson-10GBASE-LR -Pluggable | 10 Gigabit Ethernet | TN B | 1 | 1 | 10 Gigabit Ethernet | No |
| SFP:Ericsson-10GBASE-BX20 -Pluggable | 10 Gigabit Ethernet | TN B | 1 | 1 | 10 Gigabit Ethernet | No |
| SFP:Ericsson-10GBASE-BX30 -Pluggable | 10 Gigabit Ethernet | TN B | 1 | 1 | 10 Gigabit Ethernet | No |
| SFP:Ericsson-25GBASE -Pluggable | 25GE | TN B | 1 | 1 | 25GE | No |
| SFP:Ericsson-25GBASE-LR -Pluggable | 25GE | TN B | 1 | 1 | 25GE | No |
| SFP:Ericsson-1000BASE-T -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-BX10 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-100GBASE -Pluggable | 100 GE | TN B | 1 | 1 | 100 GE | No |
| SFP:Ericsson-25GBASE-BX15 -Pluggable | 25GE | TN B | 1 | 1 | 25GE | No |
| SFP:Ericsson-1000BASE-BX20 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-BX40 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-LX10 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-LX40 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |

## Device Model Ericsson 6502

### Device Types

Following device types will be configured in the BPI using Metadata Modeler. Roger’s project is not using the Rack so category should be defined as ‘Generic’

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Manufacturer** | **Device Type**  **Family** | **Archetype Name** | **Archetype Instance Name** | **Description** | **Part Number** | **Positions Used** | **Width**  **(In Inches)** | **Category** |
| Ericsson | IPRAN Family | Ericsson Baseband 6502 | Ericsson Baseband 6502 | Ericsson BB 6502 | EricssonBB6502 | 1 | 19 | Generic |

### Shelf Position Types

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Device Archetype** | **Device Type**  **Family** | **ShelfPosition Archetype Name** | **ShelfPosition Archetype Instance Name** | **Position Sequence** |
| Ericsson Baseband 6502 | IPRAN Family | Ericsson Baseband 6502 Shelf Position | Shelf Pos 1 | 0 |

### Shelf Types

Configure the following shelf types under the parent ShelfPosition type as per the below details

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ShelfPosition Archetype** | **Shelf Archetype Name** | **Shelf Archetype Instance Name** | **Part Number** | **Description** | **Positions Used** | **Width (in Inches)** |
| Ericsson Baseband 6502 Shelf Position | Ericsson RAN Processor 6502 Shelf | Shelf-1 | Ericsson Baseband 6502 | Ericsson Baseband 6502 | 1 | 19 |

### Shelf Slots

NA

### Card Types

NA

### Card Compatibility for slots

NA

### Physical Termination Position for Shelf

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Shelf archetype name | PTP’s Family | PTP Archetype name | PTP Archetype Instance Name | Position Sequence |
| Ericsson RAN Processor 6502 Shelf | IPRAN | SFP+ | TN A | 0 |
| IPRAN | SFP+ | TN B | 1 |

### Pluggable Types

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Archetype** | **Archetype Instance Name** | **Description** | **Part Number** | **Positions Used** | **Vendor** | **Physical Ports** |
| SFP:Ericsson-10GBASE -Pluggable | SFP:Ericsson-10GBASE -Pluggable | SFP:Ericsson-10GBASE | SFP:Ericsson-10GBASE | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-ZX -Pluggable | SFP:Ericsson-1000BASE-ZX -Pluggable | SFP:Ericsson-1000BASE-ZX -Pluggable | SFP:Ericsson-1000BASE-ZX -Pluggable | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE -Pluggable | SFP:Ericsson-1000BASE -Pluggable | SFP:Ericsson-1000BASE | SFP:Ericsson-1000BASE | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-SX -Pluggable | SFP:Ericsson-1000BASE-SX -Pluggable | SFP:Ericsson-1000BASE-SX | SFP:Ericsson-1000BASE-SX | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-LX -Pluggable | SFP:Ericsson-1000BASE-LX -Pluggable | SFP:Ericsson-1000BASE-LX | SFP:Ericsson-1000BASE-LX | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-LX20 -Pluggable | SFP:Ericsson-1000BASE-LX20 -Pluggable | SFP:Ericsson-1000BASE-LX20 | SFP:Ericsson-1000BASE-LX20 | 1 | Ericsson | 1 |
| SFP:Ericsson-10GBASE-SR -Pluggable | SFP:Ericsson-10GBASE-SR -Pluggable | SFP:Ericsson-10GBASE-SR | SFP:Ericsson-10GBASE-SR | 1 | Ericsson | 1 |
| SFP:Ericsson-10GBASE-LR -Pluggable | SFP:Ericsson-10GBASE-LR -Pluggable | SFP:Ericsson-10GBASE-LR | SFP:Ericsson-10GBASE-LR | 1 | Ericsson | 1 |
| SFP:Ericsson-10GBASE-BX20 -Pluggable | SFP:Ericsson-10GBASE-BX20 -Pluggable | SFP:Ericsson-10GBASE-BX20 | SFP:Ericsson-10GBASE-BX20 | 1 | Ericsson | 1 |
| SFP:Ericsson-10GBASE-BX30 -Pluggable | SFP:Ericsson-10GBASE-BX30 -Pluggable | SFP:Ericsson-10GBASE-BX30 | SFP:Ericsson-10GBASE-BX30 | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-BX10 -Pluggable | SFP:Ericsson-1000BASE-BX10 -Pluggable | SFP:Ericsson-1000BASE-BX10 | SFP:Ericsson-1000BASE-BX10 | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-BX20 -Pluggable | SFP:Ericsson-1000BASE-BX20 -Pluggable | SFP:Ericsson-1000BASE-BX20 | SFP:Ericsson-1000BASE-BX20 | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-BX40 -Pluggable | SFP:Ericsson-1000BASE-BX40 -Pluggable | SFP:Ericsson-1000BASE-BX40 | SFP:Ericsson-1000BASE-BX40 | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-LX10 -Pluggable | SFP:Ericsson-1000BASE-LX10 -Pluggable | SFP:Ericsson-1000BASE-BX40 | SFP:Ericsson-1000BASE-LX10 | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-LX40 -Pluggable | SFP:Ericsson-1000BASE-LX40 -Pluggable | SFP:Ericsson-1000BASE-BX40 | SFP:Ericsson-1000BASE-LX40 | 1 | Ericsson | 1 |

### Pluggable Compatible for PTP

|  |  |  |
| --- | --- | --- |
| **PhysicalTermination Position Archetype** | **Pluggable Archetype** | **Notes** |
| 1. SFP+(TN A)  2. SFP+(TN B) | SFP:Ericsson-10GBASE -Pluggable |  |
| SFP:Ericsson-1000BASE-ZX -Pluggable |  |
| SFP:Ericsson-1000BASE -Pluggable |  |
| SFP:Ericsson-1000BASE-SX -Pluggable |  |
| SFP:Ericsson-1000BASE-LX -Pluggable |  |
| SFP:Ericsson-1000BASE-LX20 -Pluggable |  |
| SFP:Ericsson-10GBASE-SR -Pluggable |  |
| SFP:Ericsson-10GBASE-LR -Pluggable |  |
| SFP:Ericsson-10GBASE-BX20 -Pluggable |  |
| SFP:Ericsson-10GBASE-BX30 -Pluggable |  |
| SFP:Ericsson-1000BASE-BX10 -Pluggable |  |
| SFP:Ericsson-1000BASE-BX20 -Pluggable |  |
| SFP:Ericsson-1000BASE-BX40 -Pluggable |  |
| SFP:Ericsson-1000BASE-LX10 -Pluggable |  |
| SFP:Ericsson-1000BASE-LX40 -Pluggable |  |

### Port Compatibility

#### Card Ports

NA

#### Device Ports

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Device Archetype Instance Name** | **Port Archetype** | **Port Archetype Instance** | **Port Number** | **Port Sequence** | **Port Type Name** | **Logical Interface Required** |
| Ericsson Baseband 6502 | RJ-45 | TN C | 1 | 1 | RJ-45 | No |
| RJ-45 | LMT | 2 | 2 | RJ-45 | No |
| QMA | GPS | 3 | 3 | QMA | No |
| RPV 447 72/01 | PWR | 4 | 4 | PWR | No |
| Xcede | IDL | 5 | 5 | IDL | No |

#### Pluggable Ports

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Pluggable Archetype Name** | **Port Archetype** | **Port Archetype Instance** | **Port Number** | **Port Sequence** | **Port Type Name** | **Logical Interface Required** |
| SFP:Ericsson-10GBASE -Pluggable | 10 Gigabit Ethernet | TN B | 1 | 1 | 10 Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-ZX -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-SX -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-LX -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-LX20 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-10GBASE-SR -Pluggable | 10 Gigabit Ethernet | TN B | 1 | 1 | 10 Gigabit Ethernet | No |
| SFP:Ericsson-10GBASE-LR -Pluggable | 10 Gigabit Ethernet | TN B | 1 | 1 | 10 Gigabit Ethernet | No |
| SFP:Ericsson-10GBASE-BX20 -Pluggable | 10 Gigabit Ethernet | TN B | 1 | 1 | 10 Gigabit Ethernet | No |
| SFP:Ericsson-10GBASE-BX30 -Pluggable | 10 Gigabit Ethernet | TN B | 1 | 1 | 10 Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-BX10 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-BX20 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-BX40 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-LX10 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-LX40 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |

## Device Model Ericsson 6318

### Device Types

Following device types will be configured in the BPI using Metadata Modeler. Roger’s project is not using the Rack so category should be defined as ‘Generic’

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Manufacturer** | **Device Type**  **Family** | **Archetype Name** | **Archetype Instance Name** | **Description** | **Part Number** | **Positions Used** | **Width**  **(In Inches)** | **Category** |
| Ericsson | IPRAN Family | Ericsson Baseband 6318 | Ericsson Baseband 6318 | Ericsson Baseband 6318 | Ericsson Baseband 6318 | 1 | 19 | Generic |

### Shelf Position Types

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Device Archetype** | **Device Type**  **Family** | **ShelfPosition Archetype Name** | **ShelfPosition Archetype Instance Name** | **Position Sequence** |
| Ericsson Baseband 6318 | IPRAN Family | Ericsson Baseband 6318 Shelf Position | Shelf Pos 1 | 0 |

### Shelf Types

Configure the following shelf types under the parent ShelfPosition type as per the below details

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ShelfPosition Archetype** | **Shelf Archetype Name** | **Shelf Archetype Instance Name** | **Part Number** | **Description** | **Positions Used** | **Width (in Inches)** |
| Ericsson Baseband 6318- Shelf Position | Ericsson Baseband 6318 Shelf | Shelf-1 | Ericsson Baseband 6318 | Ericsson Baseband 6318 | 1 | 19 |

### Shelf Slots

NA

### Card Types

NA

### Card Compatibility for slots

NA

### Physical Termination Position for Shelf

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Shelf archetype name | PTP’s Family | PTP Archetype name | PTP Archetype Instance Name | Position Sequence |
| Ericsson Baseband 6318 Shelf | IPRAN | SFP+ | TN B | 0 |
| IPRAN | SFP+ | TN C | 1 |

### Pluggable Types

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Archetype** | **Archetype Instance Name** | **Description** | **Part Number** | **Positions Used** | **Vendor** | **Physical Ports** |
| SFP:Ericsson-10GBASE -Pluggable | SFP:Ericsson-10GBASE -Pluggable | SFP:Ericsson-10GBASE | SFP:Ericsson-10GBASE | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-ZX -Pluggable | SFP:Ericsson-1000BASE-ZX -Pluggable | SFP:Ericsson-1000BASE-ZX -Pluggable | SFP:Ericsson-1000BASE-ZX -Pluggable | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE -Pluggable | SFP:Ericsson-1000BASE -Pluggable | SFP:Ericsson-1000BASE | SFP:Ericsson-1000BASE | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-SX -Pluggable | SFP:Ericsson-1000BASE-SX -Pluggable | SFP:Ericsson-1000BASE-SX | SFP:Ericsson-1000BASE-SX | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-LX -Pluggable | SFP:Ericsson-1000BASE-LX -Pluggable | SFP:Ericsson-1000BASE-LX | SFP:Ericsson-1000BASE-LX | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-LX20 -Pluggable | SFP:Ericsson-1000BASE-LX20 -Pluggable | SFP:Ericsson-1000BASE-LX20 | SFP:Ericsson-1000BASE-LX20 | 1 | Ericsson | 1 |
| SFP:Ericsson-10GBASE-SR -Pluggable | SFP:Ericsson-10GBASE-SR -Pluggable | SFP:Ericsson-10GBASE-SR | SFP:Ericsson-10GBASE-SR | 1 | Ericsson | 1 |
| SFP:Ericsson-10GBASE-LR -Pluggable | SFP:Ericsson-10GBASE-LR -Pluggable | SFP:Ericsson-10GBASE-LR | SFP:Ericsson-10GBASE-LR | 1 | Ericsson | 1 |
| SFP:Ericsson-10GBASE-BX20 -Pluggable | SFP:Ericsson-10GBASE-BX20 -Pluggable | SFP:Ericsson-10GBASE-BX20 | SFP:Ericsson-10GBASE-BX20 | 1 | Ericsson | 1 |
| SFP:Ericsson-10GBASE-BX30 -Pluggable | SFP:Ericsson-10GBASE-BX30 -Pluggable | SFP:Ericsson-10GBASE-BX30 | SFP:Ericsson-10GBASE-BX30 | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-BX10 -Pluggable | SFP:Ericsson-1000BASE-BX10 -Pluggable | SFP:Ericsson-1000BASE-BX10 | SFP:Ericsson-1000BASE-BX10 | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-BX20 -Pluggable | SFP:Ericsson-1000BASE-BX20 -Pluggable | SFP:Ericsson-1000BASE-BX20 | SFP:Ericsson-1000BASE-BX20 | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-BX40 -Pluggable | SFP:Ericsson-1000BASE-BX40 -Pluggable | SFP:Ericsson-1000BASE-BX40 | SFP:Ericsson-1000BASE-BX40 | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-LX10 -Pluggable | SFP:Ericsson-1000BASE-LX10 -Pluggable | SFP:Ericsson-1000BASE-BX40 | SFP:Ericsson-1000BASE-LX10 | 1 | Ericsson | 1 |
| SFP:Ericsson-1000BASE-LX40 -Pluggable | SFP:Ericsson-1000BASE-LX40 -Pluggable | SFP:Ericsson-1000BASE-BX40 | SFP:Ericsson-1000BASE-LX40 | 1 | Ericsson | 1 |

### Pluggable Compatible for PTP

|  |  |  |
| --- | --- | --- |
| **PhysicalTermination Position Archetype** | **Pluggable Archetype** | **Notes** |
| 1. SFP+(TN B)  2. SFP+(TN C) | SFP:Ericsson-10GBASE -Pluggable |  |
| SFP:Ericsson-1000BASE-ZX -Pluggable |  |
| SFP:Ericsson-1000BASE -Pluggable |  |
| SFP:Ericsson-1000BASE-SX -Pluggable |  |
| SFP:Ericsson-1000BASE-LX -Pluggable |  |
| SFP:Ericsson-1000BASE-LX20 -Pluggable |  |
| SFP:Ericsson-10GBASE-SR -Pluggable |  |
| SFP:Ericsson-10GBASE-LR -Pluggable |  |
| SFP:Ericsson-10GBASE-BX20 -Pluggable |  |
| SFP:Ericsson-10GBASE-BX30 -Pluggable |  |
| SFP:Ericsson-1000BASE-BX10 -Pluggable |  |
| SFP:Ericsson-1000BASE-BX20 -Pluggable |  |
| SFP:Ericsson-1000BASE-BX40 -Pluggable |  |
| SFP:Ericsson-1000BASE-LX10 -Pluggable |  |
| SFP:Ericsson-1000BASE-LX40 -Pluggable |  |

### Port Compatibility

#### Card Ports

NA

#### Device Ports

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Device Archetype Instance Name** | **Port Archetype** | **Port Archetype Instance** | **Port Number** | **Port Sequence** | **Port Type Name** | **Logical Interface Required** |
|
| Ericsson Baseband 6318 | RJ-45 | LMT | 1 | 1 | RJ-45 | No |
| RJ-45 | TN A | 2 | 2 | RJ-45 | No |
| Xcede | IDLA | 3 | 3 | Xcede | No |
| Xcede | IDLB | 4 | 4 | Xcede | No |
| RJ-45 | SYNC | 5 | 5 | RJ-45 | No |
| 48V DC CONNECTOR | 48V | 6 | 6 | DC | No |
| RJ-45 | EC X | 7 | 7 | RJ-45 |  |
| RJ-45 | EC Z | 8 | 8 | PWR | No |
| RJ-45 | GPS | 9 | 9 | RJ-45 | No |

#### Pluggable Ports

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Pluggable Archetype Name** | **Port Archetype** | **Port Archetype Instance** | **Port Number** | **Port Sequence** | **Port Type Name** | **Logical Interface Required** |
| SFP:Ericsson-10GBASE -Pluggable | 10 Gigabit ethernet | TN B | 1 | 1 | 10 Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-ZX -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-SX -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-LX -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-LX20 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-10GBASE-SR -Pluggable | 10 Gigabit Ethernet | TN B | 1 | 1 | 10 Gigabit Ethernet | No |
| SFP:Ericsson-10GBASE-LR -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-10GBASE-BX20 -Pluggable | 10 Gigabit Ethernet | TN B | 1 | 1 | 10 Gigabit Ethernet | No |
| SFP:Ericsson-10GBASE-BX30 -Pluggable | 10 Gigabit Ethernet | TN B | 1 | 1 | 10 Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-BX10 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-BX20 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-BX40 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-LX10 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-LX40 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |

## Device Model Ericsson 6353

### Device Types

Following device types will be configured in the BPI using Metadata Modeler. Roger’s project is not using the Rack so category should be defined as ‘Generic’

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Manufacturer** | **Device Type**  **Family** | **Archetype Name** | **Archetype Instance Name** | **Description** | **Part Number** | **Positions Used** | **Width**  **(In Inches)** | **Category** |
| Ericsson | IPRAN Family | Ericsson RadioProcessor 6353 | Ericsson RadioProcessor 6353 | Ericsson RadioProcessor 6353 | Ericsson RadioProcessor 6353 | 1 | 19 | Generic |

### Shelf Position Types

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Device Archetype** | **Device Type**  **Family** | **ShelfPosition Archetype Name** | **ShelfPosition Archetype Instance Name** | **Position Sequence** |
| Ericsson RadioProcessor 6353 | IPRAN Family | Ericsson RadioProcessor 6353 Shelf Position | Shelf Pos 1 | 0 |

### Shelf Types

Configure the following shelf types under the parent ShelfPosition type as per the below details

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ShelfPosition Archetype** | **Shelf Archetype Name** | **Shelf Archetype Instance Name** | **Part Number** | **Description** | **Positions Used** | **Width (in Inches)** |
| Ericsson RadioProcessor 6353 Shelf Position | Ericsson RadioProcessor 6353  Shelf | Shelf-1 | Ericsson RadioProcessor 6353 | Ericsson RadioProcessor 6353 | 1 | 19 |

### Shelf Slots

NA

### Card Types

NA

### Card Compatibility for slots

NA

### Physical Termination Position for Shelf

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Shelf archetype name | PTP’s Family | PTP Archetype name | PTP Archetype Instance Name | Position Sequence |
| Ericsson RadioProcessor 6353  Shelf | IPRAN | QSFP28/QSFP+ | TN A | 0 |
| IPRAN | SFP28 | TN B | 1 |
| IPRAN | SFP28 | TN C | 2 |
| IPRAN | SFP28 | TN D | 3 |

### Pluggable Types

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Archetype** | **Archetype Instance Name** | **Description** | **Part Number** | **Positions Used** | **Vendor** |
| SFP:Ericsson-10GBASE -Pluggable | SFP:Ericsson-10GBASE -Pluggable | SFP:Ericsson-10GBASE | SFP:Ericsson-10GBASE | 1 | Ericsson |
| SFP:Ericsson-1000BASE-ZX -Pluggable | SFP:Ericsson-1000BASE-ZX -Pluggable | SFP:Ericsson-1000BASE-ZX -Pluggable | SFP:Ericsson-1000BASE-ZX -Pluggable | 1 | Ericsson |
| SFP:Ericsson-1000BASE -Pluggable | SFP:Ericsson-1000BASE -Pluggable | SFP:Ericsson-1000BASE | SFP:Ericsson-1000BASE | 1 | Ericsson |
| SFP:Ericsson-1000BASE-SX -Pluggable | SFP:Ericsson-1000BASE-SX -Pluggable | SFP:Ericsson-1000BASE-SX | SFP:Ericsson-1000BASE-SX | 1 | Ericsson |
| SFP:Ericsson-1000BASE-LX -Pluggable | SFP:Ericsson-1000BASE-LX -Pluggable | SFP:Ericsson-1000BASE-LX | SFP:Ericsson-1000BASE-LX | 1 | Ericsson |
| SFP:Ericsson-1000BASE-LX20 -Pluggable | SFP:Ericsson-1000BASE-LX20 -Pluggable | SFP:Ericsson-1000BASE-LX20 | SFP:Ericsson-1000BASE-LX20 | 1 | Ericsson |
| SFP:Ericsson-10GBASE-SR -Pluggable | SFP:Ericsson-10GBASE-SR -Pluggable | SFP:Ericsson-10GBASE-SR | SFP:Ericsson-10GBASE-SR | 1 | Ericsson |
| SFP:Ericsson-10GBASE-LR -Pluggable | SFP:Ericsson-10GBASE-LR -Pluggable | SFP:Ericsson-10GBASE-LR | SFP:Ericsson-10GBASE-LR | 1 | Ericsson |
| SFP:Ericsson-10GBASE-BX20 -Pluggable | SFP:Ericsson-10GBASE-BX20 -Pluggable | SFP:Ericsson-10GBASE-BX20 | SFP:Ericsson-10GBASE-BX20 | 1 | Ericsson |
| SFP:Ericsson-10GBASE-BX30 -Pluggable | SFP:Ericsson-10GBASE-BX30 -Pluggable | SFP:Ericsson-10GBASE-BX30 | SFP:Ericsson-10GBASE-BX30 | 1 | Ericsson |
| SFP:Ericsson-25GBASE -Pluggable | SFP:Ericsson-25GBASE -Pluggable | SFP:Ericsson-25GBASE | SFP:Ericsson-25GBASE | 1 | Ericsson |
| SFP:Ericsson-25GBASE-LR -Pluggable | SFP:Ericsson-25GBASE-LR -Pluggable | SFP:Ericsson-25GBASE-LR | SFP:Ericsson-25GBASE-LR | 1 | Ericsson |
| SFP:Ericsson-1000BASE-T -Pluggable | SFP:Ericsson-1000BASE-T -Pluggable | SFP:Ericsson-1000BASE-T | SFP:Ericsson-1000BASE-T | 1 | Ericsson |
| SFP:Ericsson-1000BASE-BX10 -Pluggable | SFP:Ericsson-1000BASE-BX10 -Pluggable | SFP:Ericsson-1000BASE-BX10 | SFP:Ericsson-1000BASE-BX10 | 1 | Ericsson |
| SFP:Ericsson-100GBASE -Pluggable | SFP:Ericsson-100GBASE -Pluggable | SFP:Ericsson-100GBASE | SFP:Ericsson-100GBASE | 1 | Ericsson |
| SFP:Ericsson-25GBASE-BX15 -Pluggable | SFP:Ericsson-25GBASE-BX15 -Pluggable | SFP:Ericsson-25GBASE-BX15 | SFP:Ericsson-25GBASE-BX15 | 1 | Ericsson |
| 8SFP:Ericsson-1000BASE-BX20 -Pluggable | 8SFP:Ericsson-1000BASE-BX20 -Pluggable | 8SFP:Ericsson-1000BASE-BX20 | 8SFP:Ericsson-1000BASE-BX20 | 1 | Ericsson |
| SFP:Ericsson-1000BASE-BX40 -Pluggable | SFP:Ericsson-1000BASE-BX40 -Pluggable | SFP:Ericsson-1000BASE-BX40 | SFP:Ericsson-1000BASE-BX40 | 1 | Ericsson |
| SFP:Ericsson-1000BASE-LX10 -Pluggable | SFP:Ericsson-1000BASE-LX10 -Pluggable | SFP:Ericsson-1000BASE-BX40 | SFP:Ericsson-1000BASE-LX10 | 1 | Ericsson |
| SFP:Ericsson-1000BASE-LX40 -Pluggable | SFP:Ericsson-1000BASE-LX40 -Pluggable | SFP:Ericsson-1000BASE-BX40 | SFP:Ericsson-1000BASE-LX40 | 1 | Ericsson |

### Pluggable Compatible for PTP

|  |  |  |
| --- | --- | --- |
| **PhysicalTermination Position Archetype** | **Pluggable Archetype** | **Notes** |
| 1. QSFP+/QSFP28(TN A) 2. SFP28(TN B) 3. SFP28(TN C) 4. SFP28(TN D) | SFP:Ericsson-10GBASE -Pluggable |  |
| SFP:Ericsson-1000BASE-ZX -Pluggable |  |
| SFP:Ericsson-1000BASE -Pluggable |  |
| SFP:Ericsson-1000BASE-SX -Pluggable |  |
| SFP:Ericsson-1000BASE-LX -Pluggable |  |
| SFP:Ericsson-1000BASE-LX20 -Pluggable |  |
| SFP:Ericsson-10GBASE-SR -Pluggable |  |
| SFP:Ericsson-10GBASE-LR -Pluggable |  |
| SFP:Ericsson-10GBASE-BX20 -Pluggable |  |
| SFP:Ericsson-10GBASE-BX30 -Pluggable |  |
| SFP:Ericsson-25GBASE -Pluggable |  |
| SFP:Ericsson-25GBASE-LR -Pluggable |  |
| SFP:Ericsson-1000BASE-T -Pluggable |  |
| SFP:Ericsson-1000BASE-BX10 -Pluggable |  |
| SFP:Ericsson-100GBASE -Pluggable |  |
| SFP:Ericsson-25GBASE-BX15 -Pluggable |  |
| 8SFP:Ericsson-1000BASE-BX20 -Pluggable |  |
| SFP:Ericsson-1000BASE-BX40 -Pluggable |  |
| SFP:Ericsson-1000BASE-LX10 -Pluggable |  |
| SFP:Ericsson-1000BASE-LX40 -Pluggable |  |

### Port Compatibility

#### Card Ports

NA

#### Device Ports

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Device Archetype Instance Name** | **Port Archetype** | **Port Archetype Instance** | **Port Number** | **Port Sequence** | **Port Type Name** | **Logical Interface Required** |
| Ericsson Baseband 6353 | USB | USB 3.1 Type-C | 1 | 1 | USB | No |
| RJ-45 | ALARM 1 | 2 | 2 | RJ-45 | No |
| RJ-45 | ALARM 2 | 3 | 3 | RJ-45 | No |
| RJ-45 | SYNC | 4 | 4 | RJ-45 | No |
| 48V DC CONNECTOR | -48V | 5 | 5 | DC | No |
| RJ-45 | TN E | 6 | 6 | RJ-45 | No |
| RJ-45 | LMT | 7 | 7 | RJ-45 | No |

#### Pluggable Ports

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Pluggable Archetype Name** | **Port Archetype** | **Port Archetype Instance** | **Port Number** | **Port Sequence** | **Port Type Name** | **Logical Interface Required** |
| SFP:Ericsson-10GBASE -Pluggable | 10 Gigabit Ethernet | TN B | 1 | 1 | 10 Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-ZX -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-SX -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-LX -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-LX20 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-10GBASE-SR -Pluggable | 10 Gigabit Ethernet | TN B | 1 | 1 | 10 Gigabit Ethernet | No |
| SFP:Ericsson-10GBASE-LR -Pluggable | 10 Gigabit Ethernet | TN B | 1 | 1 | 10 Gigabit Ethernet | No |
| SFP:Ericsson-10GBASE-BX20 -Pluggable | 10 Gigabit Ethernet | TN B | 1 | 1 | 10 Gigabit Ethernet | No |
| SFP:Ericsson-10GBASE-BX30 -Pluggable | 10 Gigabit Ethernet | TN B | 1 | 1 | 10 Gigabit Ethernet | No |
| SFP:Ericsson-25GBASE -Pluggable | 25GE | TN B | 1 | 1 | 25GE | No |
| SFP:Ericsson-25GBASE-LR -Pluggable | 25GE | TN B | 1 | 1 | 25GE | No |
| SFP:Ericsson-1000BASE-T -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-BX10 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-100GBASE -Pluggable | 100 GE | TN B | 1 | 1 | 100 GE | No |
| SFP:Ericsson-25GBASE-BX15 -Pluggable | 25GE | TN B | 1 | 1 | 25GE | No |
| SFP:Ericsson-1000BASE-BX20 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-BX40 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-LX10 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |
| SFP:Ericsson-1000BASE-LX40 -Pluggable | Gigabit Ethernet | TN B | 1 | 1 | Gigabit Ethernet | No |

## Device Model Ericsson 6675

### Device Types

Following device types will be configured in the BPI using Metadata Modeler. Roger’s project is not using the Rack so category should be defined as ‘Generic’

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Manufacturer** | **Device Type**  **Family** | **Archetype Name** | **Archetype Instance Name** | **Description** | **Part Number** | **Positions Used** | **Width**  **(In Inches)** | **Category** |
| Ericsson | IPRAN Family | Ericsson Router 6675 | Ericsson Router 6675 | Ericsson Router 6675 | Ericsson Router 6675 | 1 | 19 | Generic |

### Shelf Position Types

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Device Archetype** | **Device Type**  **Family** | **ShelfPosition Archetype Name** | **ShelfPosition Archetype Instance Name** | **Position Sequence** |
| Ericsson Router 6675 | IPRAN Family | Ericsson Router 6675 – Shelf Position | Shelf Pos 1 | 0 |

### Shelf Types

Configure the following shelf types under the parent ShelfPosition type as per the below details

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ShelfPosition Archetype** | **Shelf Archetype Name** | **Shelf Archetype Instance Name** | **Part Number** | **Description** | **Positions Used** | **Width (in Inches)** |
| Ericsson Router 6675 – Shelf Position | Ericsson Router 6675 Shelf | Shelf-1 | Ericsson Router 6675 Shelf | Ericsson Router 6675 Shelf | 1 | 19 |

### Shelf Slots

NA

### Card Types

NA

### Card Compatibility for slots

NA

### Physical Termination Position for Shelf

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Shelf Archetype Name | PTP Archetype Name | PTP Archetype Instance Name | Number of PTP’s | Position Sequence |
| Ericsson Router 6675 Shelf | SFP/SFP+ | 1-24 | 24 | 0-23 |
| Ericsson Router 6675 Shelf | QSFP28 | 25-28 | 4 | 24-27 |

### Pluggable Types

TBD

### Pluggable Compatible for PTP

NA

### Port Compatibility

NA

#### Card Ports

NA

#### Device Ports

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Device Archetype   Instance Name** | **Port Archetype** | **Port Archetype Instance** | **Port Number** | **Port Sequence** | **Port Type Name** | **Logical Interface Required** |
|  |
| Ericsson Router 6675 | RJ-45 | TOD | 1 | 1 | RJ-45 | No |  |
| RJ-45 | I/O | 2 | 2 | RJ-45 | No |  |
| RJ-45 | LMT | 3 | 3 | RJ-45 | No |  |
| RJ-45 | Console port | 4 | 4 | RJ-45 | No |  |
| RJ48C | BITS | 5 | 5 | RJ48C | No |  |
| USB 2.0 TYPE A | USB | 6 | 6 | USB 2.0 TYPE A | No |  |

#### Pluggable Ports

TBD

## Device Model Ericsson Mini Link 6693

### Device Types

Following device types will be configured in the BPI using Metadata Modeler. Roger’s project is not using the Rack so category should be defined as ‘Generic’

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Manufacturer** | **Device Type**  **Family** | **Archetype Name** | **Archetype Instance Name** | **Description** | **Part Number** | **Positions Used** | **Width**  **(In Inches)** | **Category** |
| Ericsson | IPRAN Family | Ericsson MINI-LINK 6693 | Ericsson MINI-LINK 6693 | Ericsson MINI-LINK6693 | Ericsson MINI-LINK 6693 | 1 | 19 | Generic |

### Shelf Position Types

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Device Archetype** | **Device Type**  **Family** | **ShelfPosition Archetype Name** | **ShelfPosition Archetype Instance Name** | **Position Sequence** |
| Ericsson MINI-LINK 6693 | IPRAN Family | Ericsson MINI-LINK 6693-Shelf Position | MAIN | 0 |

### Shelf Types

Configure the following shelf types under the parent ShelfPosition type as per the below details

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ShelfPosition Archetype** | **Shelf Archetype Name** | **Shelf Archetype Instance Name** | **Part Number** | **Description** | **Positions Used** | **Width (in Inches)** |
| Ericsson MINI-LINK 6693-Shelf Position | Ericsson ML 6693 Shelf | Shelf-1 | Ericsson ML 6693 Shelf | Ericsson ML 6693 Shelf | 1 | 19 |

### Shelf Slots

Configure the SlotPosition within the Shelf as per the following details. The archetypeinstance name of the slotposition refers to the desired name of the shelf slot therefore no separate naming is required for the shelf slots

|  |  |  |  |
| --- | --- | --- | --- |
| **Shelf Archetype Name** | **Slot Position Archetype** | **Slot Position Archetype Instance** | **Position Sequence** |
| Ericsson ML 6693 Shelf | ML 6693 slot - 0 | Slot 0 | 0 |
| Ericsson ML 6693 Shelf | ML 6693 slot – 1 | Slot 1 | 1 |
| Ericsson ML 6693 Shelf | ML 6693 slot – 2 | Slot 2 | 2 |
| Ericsson ML 6693 Shelf | ML 6693 slot – 3 | Slot 3 | 3 |
| Ericsson ML 6693 Shelf | ML 6693 slot – 4 | Slot 4 | 4 |
| Ericsson ML 6693 Shelf | ML 6693 slot - 5 | Slot 5 | 5 |
| Ericsson ML 6693 Shelf | ML 6693 slot - 6 | Slot 6 | 6 |

### Card Types

Configure the following Card Types as per the below details.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Archetype** | **Archetype Instance Name** | **Description** | **Part Number** | **Positions Used** | **Width**  **(in Inches)** | **Height**  **(In Inches)** | **Child PTP**  **Positions** | **Physical Ports** |
| MMU 1001 | MMU 1001 | Modem Unit | NA | 1 | 1 | 1 | 0 | 1 |
| MMU 1002 | MMU 1002 | Modem Unit | NA | 1 | 1 | 1 | 0 | 2 |
| NPU 1002 | NPU 1002 | Node Processor Unit | NA | 1 | 1 | 1 | 3 | 6 |
| NPU 1003 | NPU 1003 | Node Processor Unit | NA | 1 | 1 | 1 | 3 | 6 |
| ETU 1001 | ETU 1001 | Ethernet Termination Units | NA | 1 | 1 | 1 | 0 | 2 |
| ETU 1002 | ETU 1002 | Ethernet Termination Units | NA | 1 | 1 | 1 | 1 | 0 |
| LTU 1001 | LTU 1001 | Line Termination Unit | NA | 1 | 1 | 1 | 0 | 16 |
| LTU 1002 | LTU 1002 | Line Termination Units | NA | 1 | 1 | 1 | 1 | 16 |
| PFU 1301 | PFU 1301 | Power Filter Unit | NA | 1 | 1 | 1 | 0 | 0 |
| FAU 1301 | FAU 1301 | Fan Unit | NA | 1 | 1 | 1 | 0 | 0 |

### Card Compatibility for slots

Configure the compatibility between SlotPosition to the Card

|  |  |  |
| --- | --- | --- |
| **SlotPosition Archetype** | **Card Archetype** | **Notes** |
| Slot 1, Slot 2, Slot 4, Slot 5 | MMU 1001 |  |
| Slot 1, Slot 2, Slot 4, Slot 5 | MMU 1002 |  |
| Slot 6 | NPU 1002 |  |
| Slot 6 | NPU 1003 |  |
| Slot 2 | ETU 1001 |  |
| Slot 2 | ETU 1002 |  |
| Slot 4, Slot 5 | LTU 1001 |  |
| Slot 4, Slot 5 | LTU 1002 |  |
| Slot 3 | PFU 1301 |  |
| Slot 0 | FAU 1301 |  |

### Physical Termination Position for Card

|  |  |  |
| --- | --- | --- |
| Card Archetype Name | PTP archetype name | PTP archetype instance name |
| **NPU 1002** | Gigabit EthernetSFP | TN 6 |
|  | 10 Gigabit EthernetSFP+ | TN 7 |
|  | 10 Gigabit EthernetSFP+ | TN 8 |
| **NPU 1003** | Gigabit EthernetSFP | TN 6 |
|  | 10 Gigabit EthernetSFP+ | TN 7 |
|  | 10 Gigabit EthernetSFP+ | TN 8 |
| **ETU 1002** | Gigabit EthernetSFP | TN 1 |
| Gigabit EthernetSFP | TN 2 |
| Gigabit EthernetSFP | TN 3 |
| Gigabit EthernetSFP | TN 4 |
| 10 Gigabit EthernetSFP+ | TN 5 |
| **LTU 1002** | Gigabit EthernetSFP | SDH |

### Physical Termination Position for Shelf

NA

### Pluggable Types

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Archetype** | **Archetype Instance Name** | **Description** | **Part Number** | **Positions Used** | **Vendor** |
| SFP: 1000BASE-TX | SFP: 1000BASE-TX | SFP: 1000BASE-TX | SFP: 1000BASE-TX | 1 | Ericsson |
| SFP:Ericsson-1000Base-LX | SFP:Ericsson-1000Base-LX | SFP:Ericsson-1000Base-LX | SFP:Ericsson-1000Base-LX | 1 | Ericsson |
| SFP:Ericsson-1000Base-ZX | SFP:Ericsson-1000Base-ZX | SFP:Ericsson-1000Base-ZX | SFP:Ericsson-1000Base-ZX | 1 | Ericsson |
| SFP+:GENERIC-10GBASE-LR | SFP+:GENERIC-10GBASE-LR | SFP+:GENERIC-10GBASE-LR | SFP+:GENERIC-10GBASE-LR | 1 | Ericsson |
| SFP:Ericsson-STM-1 | SFP:Ericsson-STM-1 | SFP:Ericsson-STM-1 | SFP:Ericsson-STM-1 | 1 | Ericsson |

### Pluggable Compatible for PTP

|  |  |  |  |
| --- | --- | --- | --- |
| Card Archetype Name | PTP archetype name | PTP archetype instance name | Compatible SFP’s |
| **NPU 1002** | SFP | TN 6 | SFP:1000BASE-TX  SFP: Ericsson-1000Base-LX  SFP: Ericsson-1000Base-ZX  SFP: Ericsson-STM-1 |
| SFP+ | TN 7 | SFP:1000BASE-TX  SFP: Ericsson-1000Base-LX  SFP: Ericsson-1000Base-ZX  SFP+: GENERIC-10GBASE-LR |
| SFP+ | TN 8 | SFP:1000BASE-TX  SFP: Ericsson-1000Base-LX  SFP: Ericsson-1000Base-ZX  SFP+: GENERIC-10GBASE-LR |
| **NPU 1003** | SFP | TN 6 | SFP:1000BASE-TX  SFP: Ericsson-1000Base-LX  SFP: Ericsson-1000Base-ZX  SFP: Ericsson-STM-1 |
| SFP+ | TN 7 | SFP:1000BASE-TX  SFP: Ericsson-1000Base-LX  SFP: Ericsson-1000Base-ZX  SFP+: GENERIC-10GBASE-LR |
| SFP+ | TN 8 | SFP:1000BASE-TX  SFP: Ericsson-1000Base-LX  SFP: Ericsson-1000Base-ZX  SFP+: GENERIC-10GBASE-LR |
| **ETU 1002** | SFP | TN 1 | SFP:1000BASE-TX  SFP: Ericsson-1000Base-LX  SFP: Ericsson-1000Base-ZX  SFP: Ericsson-STM-1 |
| SFP | TN 2 | SFP:1000BASE-TX  SFP: Ericsson-1000Base-LX  SFP: Ericsson-1000Base-ZX  SFP: Ericsson-STM-1 |
| SFP | TN 3 | SFP:1000BASE-TX  SFP: Ericsson-1000Base-LX  SFP: Ericsson-1000Base-ZX  SFP: Ericsson-STM-1 |
| SFP | TN 4 | SFP:1000BASE-TX  SFP: Ericsson-1000Base-LX  SFP: Ericsson-1000Base-ZX  SFP: Ericsson-STM-1 |
| SFP+ | TN 5 | SFP+: GENERIC-10GBASE-LR |
| **LTU 1002** | SFP | SDH | SFP:1000BASE-TX  SFP: Ericsson-1000Base-LX  SFP: Ericsson-1000Base-ZX  SFP: Ericsson-STM-1 |

### Port Compatibility

#### Card Ports

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Card Archetype Name** | **Port Archetype** | **Port Archetype Instance** | **Port Number** | **Port Sequence** | **Port Type Name** | **Logical Interface Required** |
| MMU 1001 | RAU | RAU 1 | 1 | 1 | RAU | No |
| MMU 1002 | RAU | RAU 1, RAU 2 | 1,2 | 1,2 | RAU | No |
| NPU 1002 | SYNC 1, SYNC 2, RJ-45, RJ-45, Gigabit Ethernet, 10 Gigabit Ethernet, 10 Gigabit Ethernet, User I/O, O&M | SYNC 1, SYNC 2, TN 4, TN 5, TN 6, TN 7, TN 8, User I/O, O&M | 1-6 | 1-6 | SYNC 1, SYNC 2, RJ-45, RJ-45, User I/O, O&M | No |
| NPU 1003 | SYNC 1, SYNC 2, RJ-45, RJ-45, Gigabit Ethernet, 10 Gigabit Ethernet, 10 Gigabit Ethernet, User I/O, O&M | SYNC 1, SYNC 2, TN 4, TN 5, TN 6, TN 7, TN 8, User I/O, O&M | 1-6 | 1-6 | SYNC 1, SYNC 2, RJ-45, RJ-45, User I/O, O&M | No |
| ETU 1001 | RJ-45 | RJ-45 | 1, 2 | 1, 2 | RJ-45 | No |
| ETU 1002 | Gigabit Ethernet, Gigabit Ethernet, Gigabit Ethernet, Gigabit Ethernet, 10 Gigabit Ethernet | TN 1, TN 2, TN 3, TN 4, TN 5 |  |  | - | No |
| LTU 1001 | DS1 | TN 1A-1D, TN 2A-2D, TN 3A-3D, TN 4A-4D | 1-16 | 1-16 | TN 1A-1D, TN 2A-2D, TN 3A-3D, TN 4A-4D | No |
| LTU 1002 | DS1, Gigabit Ethernet | TN 1A-1D, TN 2A-2D, TN 3A-3D, TN 4A-4D, TN 5 | 1-17 | 1-17 | TN 1A-1D, TN 2A-2D, TN 3A-3D, TN 4A-4D, TN 5 | No |
| PFU 1301 |  |  |  |  |  | No |
| FAU 1301 |  |  |  |  |  | No |

#### Device Ports

NA

#### Pluggable Ports

|  |  |  |  |
| --- | --- | --- | --- |
| Pluggable Archetype name | Port Archetype name | Port Archetype Instance name | Port type name |
| SFP:1000BASE-TX | Gigabit Ethernet | TN 6 | Gigabit Ethernet |
| SFP: Ericsson-1000Base-LX | Gigabit Ethernet | TN 6 | Gigabit Ethernet |
| SFP: Ericsson-1000Base-ZX | Gigabit Ethernet | TN 6 | Gigabit Ethernet |
| SFP+: GENERIC-10GBASE-LR | 10 Gigabit Ethernet | TN 7 | 10 Gigabit Ethernet |
| SFP: Ericsson-STM-1 | Gigabit Ethernet | TN 5 | Gigabit Ethernet |

## Device Model Ericsson Mini Link 6692

### Device Types

Following device types will be configured in the BPI using Metadata Modeler. Roger’s project is not using the Rack so category should be defined as ‘Generic’

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Manufacturer** | **Device Type**  **Family** | **Archetype Name** | **Archetype Instance Name** | **Description** | **Part Number** | **Positions Used** | **Width**  **(In Inches)** | **Category** |
| Ericsson | IPRAN Family | Ericsson MINI-LINK 6692 | Ericsson MINI-LINK 6692 | Ericsson MINI-LINK 6692 | Ericsson MINI-LINK 6692 | 1 | 19 | Generic |

### Shelf Position Types

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Device Archetype** | **Device Type**  **Family** | **ShelfPosition Archetype Name** | **ShelfPosition Archetype Instance Name** | **Position Sequence** |
| Ericsson MINI-LINK 6692 | IPRAN Family | Ericsson MINI-LINK 6692-Shelf Position | MAIN | 0 |

### Shelf Types

Configure the following shelf types under the parent ShelfPosition type as per the below details.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ShelfPosition Archetype** | **Shelf Archetype Name** | **Shelf Archetype Instance Name** | **Part Number** | **Description** | **Positions Used** | **Width (in Inches)** |
| Ericsson MINI-LINK 6692-Shelf Position | Ericsson ML 6692 Shelf | Shelf-1 | Ericsson MINI-LINK 6692 Shelf | Ericsson MINI-LINK 6692 Shelf | 1 | 19 |

### Shelf Slots

|  |  |  |  |
| --- | --- | --- | --- |
| Shelf Archetype Name | Slot Position Archetype Name | Slot Position Archetype Instance Name | Position Sequence |
| Ericsson ML 6692 Shelf | ML 6692 slot - 0 | Slot 0 | 0 |
| Ericsson ML 6692 Shelf | ML 6692 slot – 1 | Slot 1 | 1 |
| Ericsson ML 6692 Shelf | ML 6692 slot – 2 | Slot 2 | 2 |
| Ericsson ML 6692 Shelf | ML 6692 slot – 3 | Slot 3 | 3 |
| Ericsson ML 6692 Shelf | ML 6692 slot – 4 | Slot 4 | 4 |
| Ericsson ML 6692 Shelf | ML 6692 slot - 5 | Slot 5 | 5 |
| Ericsson ML 6692 Shelf | ML 6692 slot - 6 | Slot 6 | 6 |
| Ericsson ML 6692 Shelf | ML 6692 slot – 7 | Slot 7 | 7 |
| Ericsson ML 6692 Shelf | ML 6692 slot – 8 | Slot 8 | 8 |
| Ericsson ML 6692 Shelf | ML 6692 slot – 9 | Slot 9 | 9 |
| Ericsson ML 6692 Shelf | ML 6692 slot – 10 | Slot 10 | 10 |
| Ericsson ML 6692 Shelf | ML 6692 slot – 11 | Slot 11 | 11 |
| Ericsson ML 6692 Shelf | ML 6692 slot - 12 | Slot 12 | 12 |

### Card Types

Configure the following Card Types as per the below details.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Archetype** | **Archetype Instance Name** | **Description** | **Part Number** | **Positions Used** | **Width**  **(in Inches)** | **Height**  **(In Inches)** | **Child PTP**  **Positions** | **Physical Ports** |
| MMU 1001 | MMU 1001 | Modem Unit | NA | 1 | 1 | 1 | 0 | 1 |
| MMU 1002 | MMU 1002 | Modem Unit | NA | 1 | 1 | 1 | 0 | 2 |
| NPU 1002 | NPU 1002 | Node Processor Unit | NA | 1 | 1 | 1 | 3 | 6 |
| NPU 1005 | NPU 1005 | Node Processor Unit | NA | 1 | 1 | 1 | 3 | 6 |
| ETU 1001 | ETU 1001 | Ethernet Termination Units | NA | 1 | 1 | 1 | 0 | 2 |
| ETU 1002 | ETU 1002 | Ethernet Termination Units | NA | 1 | 1 | 1 | 1 | 0 |
| LTU 1001 | LTU 1001 | Line Termination Unit | NA | 1 | 1 | 1 | 0 | 16 |
| LTU 1002 | LTU 1002 | Line Termination Units | NA | 1 | 1 | 1 | 1 | 16 |
| PFU 1301 | PFU 1301 | Power Filter Unit | NA | 1 | 1 | 1 | 0 | 0 |
| FAU 1301 | FAU 1301 | Fan Unit | NA | 1 | 1 | 1 | 0 | 0 |
| MMU 1004 | MMU 1004 | Modem unit | NA | 1 | 1 | 1 | 0 | 2 |

### Card Compatibility for slots

Configure the compatibility between SlotPosition to the Card

|  |  |  |
| --- | --- | --- |
| **SlotPosition Archetype** | **Card Archetype** | **Notes** |
| Slot 1, Slot 2, Slot 5, Slot 6, Slot 7, Slot 8, Slot 11, Slot 12 | MMU 1001 |  |
| Slot 1, Slot 2, Slot 5, Slot 6, Slot 7, Slot 8, Slot 11, Slot 13 | MMU 1002 |  |
| Slot 9, Slot 10 | NPU 1002 |  |
| Slot 9, Slot 10 | NPU 1005 |  |
| Slot 2 | ETU 1001 |  |
| Slot 2 | ETU 1002 |  |
| Slot 6, Slot 7 | LTU 1001 |  |
| Slot 6, Slot 7 | LTU 1002 |  |
| Slot 3, Slot 4 | PFU 1201 |  |
| Slot 0 | FAU 1201 |  |
| Slot 1, Slot 2, Slot 5, Slot 6, Slot 7, Slot 8, Slot 11, Slot 12 | MMU 1004 |  |

### Physical Termination Position for Card

|  |  |  |
| --- | --- | --- |
| Card Archetype Name | PTP archetype name | PTP archetype instance name |
| **NPU 1002** | SFP | TN 6 |
| SFP+ | TN 7 |
| SFP+ | TN 8 |
| **NPU 1003** | SFP | TN 6 |
| SFP+ | TN 7 |
| SFP+ | TN 8 |
| **ETU 1002** | SFP | TN 1 |
| SFP | TN 2 |
| SFP | TN 3 |
| SFP | TN 4 |
| SFP+ | TN 5 |
| **LTU 1002** | SFP | SDH |

### Pluggable Types

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Archetype** | **Archetype Instance Name** | **Description** | **Part Number** | **Positions Used** | **Vendor** |
| SFP: 1000BASE-TX | SFP: 1000BASE-TX | SFP: 1000BASE-TX | SFP: 1000BASE-TX | 1 | Ericsson |
| SFP:Ericsson-1000Base-LX | SFP:Ericsson-1000Base-LX | SFP:Ericsson-1000Base-LX | SFP:Ericsson-1000Base-LX | 1 | Ericsson |
| SFP:Ericsson-1000Base-ZX | SFP:Ericsson-1000Base-ZX | SFP:Ericsson-1000Base-ZX | SFP:Ericsson-1000Base-ZX | 1 | Ericsson |
| SFP+:GENERIC-10GBASE-LR | SFP+:GENERIC-10GBASE-LR | SFP+:GENERIC-10GBASE-LR | SFP+:GENERIC-10GBASE-LR | 1 | Ericsson |
| SFP:Ericsson-STM-1 | SFP:Ericsson-STM-1 | SFP:Ericsson-STM-1 | SFP:Ericsson-STM-1 | 1 | Ericsson |

### Pluggable Compatible for PTP

|  |  |  |  |
| --- | --- | --- | --- |
| Card Archetype Name | PTP archetype name | PTP archetype instance name | Compatible SFP’s |
| **NPU 1002** | SFP | TN 6 | SFP:1000BASE-TX  SFP: Ericsson-1000Base-LX  SFP: Ericsson-1000Base-ZX  SFP: Ericsson-STM-1 |
| SFP+ | TN 7 | SFP:1000BASE-TX  SFP: Ericsson-1000Base-LX  SFP: Ericsson-1000Base-ZX  SFP+: GENERIC-10GBASE-LR |
| SFP+ | TN 8 | SFP:1000BASE-TX  SFP: Ericsson-1000Base-LX  SFP: Ericsson-1000Base-ZX  SFP+: GENERIC-10GBASE-LR |
| **NPU 1003** | SFP | TN 6 | SFP:1000BASE-TX  SFP: Ericsson-1000Base-LX  SFP: Ericsson-1000Base-ZX  SFP: Ericsson-STM-1 |
| SFP+ | TN 7 | SFP:1000BASE-TX  SFP: Ericsson-1000Base-LX  SFP: Ericsson-1000Base-ZX  SFP+: GENERIC-10GBASE-LR |
|  | SFP+ | TN 8 | SFP:1000BASE-TX  SFP: Ericsson-1000Base-LX  SFP: Ericsson-1000Base-ZX  SFP+: GENERIC-10GBASE-LR |
| **ETU 1002** | SFP | TN 1 | SFP:1000BASE-TX  SFP: Ericsson-1000Base-LX  SFP: Ericsson-1000Base-ZX  SFP: Ericsson-STM-1 |
| SFP | TN 2 | SFP:1000BASE-TX  SFP: Ericsson-1000Base-LX  SFP: Ericsson-1000Base-ZX  SFP: Ericsson-STM-1 |
| SFP | TN 3 | SFP:1000BASE-TX  SFP: Ericsson-1000Base-LX  SFP: Ericsson-1000Base-ZX  SFP: Ericsson-STM-1 |
| SFP | TN 4 | SFP:1000BASE-TX  SFP: Ericsson-1000Base-LX  SFP: Ericsson-1000Base-ZX  SFP: Ericsson-STM-1 |
| SFP+ | TN 5 | SFP+: GENERIC-10GBASE-LR |
| **LTU 1002** | SFP | SDH | SFP:1000BASE-TX  SFP: Ericsson-1000Base-LX  SFP: Ericsson-1000Base-ZX  SFP: Ericsson-STM-1 |

### Port Compatibility

#### Card Ports

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Card Archetype Name** | **Port Archetype** | **Port Archetype Instance** | **Port Number** | **Port Sequence** | **Port Type Name** | **Logical Interface Required** |
| MMU 1001 | RAU | RAU 1 | 1 | 1 | RAU | No |
| MMU 1002 | RAU | RAU 1, RAU 2 | 1,2 | 1,2 | RAU | No |
| NPU 1002 | SYNC 1, SYNC 2, RJ-45, RJ-45, Gigabit Ethernet, 10 Gigabit Ethernet, 10 Gigabit Ethernet, User I/O, O&M | SYNC 1, SYNC 2, TN 4, TN 5, TN 6, TN 7, TN 8, User I/O, O&M | 1-6 | 1-6 | SYNC 1, SYNC 2, RJ-45, RJ-45, User I/O, O&M | No |
| NPU 1003 | SYNC 1, SYNC 2, RJ-45, RJ-45, Gigabit Ethernet, 10 Gigabit Ethernet, 10 Gigabit Ethernet, User I/O, O&M | SYNC 1, SYNC 2, TN 4, TN 5, TN 6, TN 7, TN 8, User I/O, O&M | 1-6 | 1-6 | SYNC 1, SYNC 2, RJ-45, RJ-45, User I/O, O&M | No |
| ETU 1001 | RJ-45 | RJ-45 | 1, 2 | 1, 2 | RJ-45 | No |
| ETU 1002 | Gigabit Ethernet, Gigabit Ethernet, Gigabit Ethernet, Gigabit Ethernet, 10 Gigabit Ethernet | TN 1, TN 2, TN 3, TN 4, TN 5 |  |  | - | No |
| LTU 1001 | DS1 | TN 1A-1D, TN 2A-2D, TN 3A-3D, TN 4A-4D | 1-16 | 1-16 | TN 1A-1D, TN 2A-2D, TN 3A-3D, TN 4A-4D | No |
| LTU 1002 | DS1, Gigabit Ethernet | TN 1A-1D, TN 2A-2D, TN 3A-3D, TN 4A-4D, TN 5 | 1-17 | 1-17 | TN 1A-1D, TN 2A-2D, TN 3A-3D, TN 4A-4D, TN 5 | No |
| PFU 1301 |  |  |  |  |  | No |
| FAU 1301 |  |  |  |  |  | No |
| MMU 1004 | RAU | RAU 1, RAU 2 | 1,2 | 1,2 | RAU | No |

#### Device Ports

NA

#### Pluggable Ports

|  |  |  |  |
| --- | --- | --- | --- |
| Pluggable Archetype name | Port Archetype name | Port Archetype Instance name | Port type name |
| SFP:1000BASE-TX | Gigabit Ethernet | TN 6 | Gigabit Ethernet |
| SFP: Ericsson-1000Base-LX | Gigabit Ethernet | TN 6 | Gigabit Ethernet |
| SFP: Ericsson-1000Base-ZX | Gigabit Ethernet | TN 6 | Gigabit Ethernet |
| SFP+: GENERIC-10GBASE-LR | 10 Gigabit Ethernet | TN 7 | 10 Gigabit Ethernet |
| SFP: Ericsson-STM-1 | Gigabit Ethernet | TN 5 | Gigabit Ethernet |

## Device Model Ericsson Mini Link 6352

### Device Types

Following device types will be configured in the BPI using Metadata Modeler. Roger’s project is not using the Rack so category should be defined as ‘Generic’

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Manufacturer** | **Device Type**  **Family** | **Archetype Name** | **Archetype Instance Name** | **Description** | **Part Number** | **Positions Used** | **Width**  **(In Inches)** | **Category** |
| Ericsson | IPRAN Family | Ericsson MINI-LINK 6352 | Ericsson MINI-LINK 6352 | Ericsson MINI-LINK 6352 | Ericsson MINI-LINK 6352 | 1 | 10.2 | Generic |

### Shelf Position Types

NA

### Shelf Types

NA

### Shelf Slots

NA

### Card Types

NA

### Card Compatibility for slots

NA

### Physical Termination Position for Card

NA

### Pluggable Types

NA

### Pluggable Compatible for PTP

NA

### Port Compatibility

NA

#### Card Ports

NA

#### Device Ports

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Device Archetype   Instance Name** | **Port Archetype** | **Port Archetype Instance** | **Port Number** | **Port Sequence** | **Port Type Name** | **Logical Interface Required** |
|  |
| Ericsson MINI-LINK 6352 | RJ-45 | LAN 1/1 | 1 | 1 | RJ-45 | No |  |
| RJ-45 | LAN 1/2 | 2 | 2 | RJ-45 | No |  |
| RJ-45 | LAN 1/3 | 3 | 3 | RJ-45 | No |  |
| RJ-45 | LAN 1/4 | 4 | 4 | RJ-45 | No |  |
| GE | WAN 1/5 | 5 | 5 | GE | No |  |
| RAU | RAU 1 | 6 | 6 | RAU | No |  |

#### Pluggable Ports

NA

## Device Model Ericsson Mini Link 6352/2

### Device Types

Following device types will be configured in the BPI using Metadata Modeler. Roger’s project is not using the Rack so category should be defined as ‘Generic’

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Manufacturer** | **Device Type**  **Family** | **Archetype Name** | **Archetype Instance Name** | **Description** | **Part Number** | **Positions Used** | **Width**  **(In Inches)** | **Category** |
| Ericsson | IPRAN Family | Ericsson MINI-LINK 6352/2 | Ericsson MINI-LINK 6352/2 | Ericsson MINI-LINK 6352/2 | Ericsson MINI-LINK 6352/2 | 1 | 10.2 | Generic |

### Shelf Position Types

NA

### Shelf Types

NA

### Shelf Slots

NA

### Card Types

NA

### Card Compatibility for slots

NA

### Physical Termination Position for Card

NA

### Pluggable Types

NA

### Pluggable Compatible for PTP

NA

### Port Compatibility

#### Card Ports

NA

#### Device Ports

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Device Archetype   Instance Name** | **Port Archetype** | **Port Archetype Instance** | **Port Number** | **Port Sequence** | **Port Type Name** | **Logical Interface Required** |
| Ericsson MINI-LINK 6352/2 | RJ-45 | LAN 1/1 | 1 | 1 | RJ-45 | No |
| RJ-45 | LAN 1/2 | 2 | 2 | RJ-45 | No |
|  | RJ-45 | LAN 1/3 | 3 | 3 | RJ-45 | No |
|  | RJ-45 | LAN 1/4 | 4 | 4 | RJ-45 | No |
|  | GE | WAN 1/5 | 5 | 5 | GE | No |
|  | XPIC | XPIC | 6 | 6 | XPIC | No |
|  | RAU | RAU 1 | 7 | 7 | RAU | No |

#### Pluggable Ports

NA

|  |
| --- |
| Device Roles Configure the metadata for the device roles in Metadata Modeler as per the following |
| |  |  | | --- | --- | | **Device Archetype Name** | **Roles** | | MINI-LINK 6693 | MICROWAVE | | MINI-LINK 6352 | MICROWAVE | | MINI-LINK 6352/2 | MICROWAVE | | Ericsson Router 6675 | SW, IPRAN | | Baseband 6620 | IPRAN,RBS,eNB,gNB, Operations modernization | | Baseband 6648 | IPRAN,RBS,eNB,gNB, Operations modernization | | Baseband 6651 | IPRAN,RBS,eNB,gNB, Operations modernization | | MINI-LINK 6692 | MICROWAVE | | Baseband 6502 | IPRAN,RBS,eNB,gNB, Operations modernization | | Baseband 6705 | IPRAN,RBS,eNB,gNB, Operations modernization | | Radio Processor 6353 | IPRAN,RBS,eNB,gNB, Operations modernization | |
|  |

# Naming

## Device Naming

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | **Device Archetype Name** | **Device Naming** | | MINI-LINK 6693 | MW-Locationcode-SequenceNumber | | MINI-LINK 6352 | MW-Locationcode-SequenceNumber | | MINI-LINK 6352/2 | MW-Locationcode-SequenceNumber | | Ericsson Router 6675 | <Device Role><SequenceNumber>-<location\_emg>-R6675 | | Baseband 6620 | <Device Role>-<location\_code>-<location\_emg><sector> | | Baseband 6648 | <Device Role>-<location\_code>-<location\_emg><sector> | | Baseband 6651 | <Device Role>-<location\_code>-<location\_emg><sector> | | MINI-LINK 6692 | <Device Role>-<location\_code>-<location\_emg><sector> | | Baseband 6502 | <Device Role>-<location\_code>-<location\_emg><sector> | | Baseband 6705 | <Device Role>-<location\_code>-<location\_emg><sector> | | Radio Processor 6353 | <Device Role>-<location\_code>-<location\_emg><sector> | |

## Slot Naming

|  |  |
| --- | --- |
| Device | Slot Naming |
| Mini Link 6693 | <Device Name> <Slot Number> (Eg. ML 6693 Slot-0) |
| Mini Link 6692 | <Device Name> <Slot Number> |
|  |  |
|  |  |
|  |  |

## PTP Naming

|  |  |
| --- | --- |
| ***Device*** | ***PTP Naming*** |
| Ericsson Baseband 6648 | TN A |
|  | TN B |
|  | TN C |
|  | TN D |
| Ericsson RAN Processor 6651 | TN A |
|  | TN B |
|  | TN C |
|  | TN D |
| Ericsson RAN Processor 6620 | TN A |
|  | TN B |
| Ericsson Strretmacro 6705 | TN A |
|  | TN B |
| Ericsson RAN Processor 6502 | TN A |
|  | TN B |
| Ericsson Baseband 6318 | TN B |
|  | TN C |
| Ericsson RadioProcessor 6353 | TN A |
|  | TN B |
|  | TN C |
|  | TN D |
| Ericsson Router 6675 | 1-24 |
|  | 25-28 |
| Ericsson ML 6693 - **NPU 1002** | TN 6 |
|  | TN 7 |
|  | TN 8 |
| Ericsson ML 6693 - **NPU 1003** | TN 6 |
|  | TN 7 |
|  | TN 8 |
| Ericsson ML 6693 - **ETU 1002** | TN 1 |
|  | TN 2 |
|  | TN 3 |
|  | TN 4 |
|  | TN 5 |
| Ericsson ML 6693 - **LTU 1002** | SDH |
| Ericsson ML 6692 - **NPU 1002** | TN 6 |
|  | TN 7 |
|  | TN 8 |
| Ericsson ML 6692 – **NPU 1003** | TN 6 |
|  | TN 7 |
|  | TN 8 |
| Ericsson ML 6692 - **ETU 1002** | TN 1 |
|  | TN 2 |
|  | TN 3 |
|  | TN 4 |
|  | TN 5 |
| Ericsson ML 6692 - **LTU 1002** | SDH |
|  |  |
|  |  |
|  |  |
|  |  |

## Port Naming

|  |  |
| --- | --- |
| ***Device*** | ***Port Naming*** |
| *Ericsson Baseband 6648* | *TN A* |
| *TN B* |
| *TN C* |
| *TN D* |
| *Ericsson Baseband 6620* | *TN A* |
| *TN B* |
| *Ericsson Baseband 6318* | *TN B* |
| *TN C* |
| *Ericsson RadioProcessor 6353* | *TN A* |
| *TN B* |
| *TN C* |
| *TN D* |
| *Ericsson RAN Processor 6651* | *TN A* |
| *TN B* |
| *TN C* |
| *TN D* |
| *Ericsson Streetmacro 6705* | *TN A* |
| *TN B* |
| *Ericsson Baseband 6502* | *TN A* |
| *TN B* |
| Ericsson MINI-LINK 6692/6693 | TN 1A – TN <slot.no>/<port name> (Ex: TN 1/A here) port name should have 1/shelfslot/1A-1D |
| TN 1B – 1/<slot.no> |
| TN 1C –1/<slot.no>/<port name> |
| TN 1D – 1/<slot.no>/<port name> |
| TN 2A – 1/<slot.no>/<port name> |
| TN 2B – 1/<slot.no>/<port name> |
| TN 2C – 1/<slot.no>/<port name> |
| TN 2D – 1/<slot.no>/<port name> |
| TN 3A -– 1/<slot.no>/<port name> |
| TN 3B – 1/<slot.no>/<port name> |
| TN 3C – 1/<slot.no>/<port name> |
| TN 3D – 1/<slot.no>/<port name> |
| TN 4A – 1/<slot.no>/<port name> |
| TN 4B – 1/<slot.no>/<port name> |
| TN 4C – 1/<slot.no>/<port name> |
| TN 4D – 1/<slot.no>/<port name> |
| RJ-45 – 1/<slot.no>/<port name> |
| Gigabit Ethernet – TN <cardSlotName> |
| O&M – <slot.no>/<port name> |
| User I/O - 1/<slot.no>/<port name> |
| TN 5 – 1/<slot.no>/<port name> |
| TN 4 - 1/<slot.no>/<port name> |
| SYNC:1PPS+ToD -1/<slot.no>/<port name> |
| SYNC:2MHz – 1/<slot.no>/<port name> |
| RAU – RAU <slot.no>/<port name> |

# Open and Closed Issues

## Open Issues

| ID | Issue | Resolution | Responsibility | Target Date | Impact Date |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

## Closed Issues

| ID | Issue | Resolution | Responsibility | Target Date | Impact Date |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |