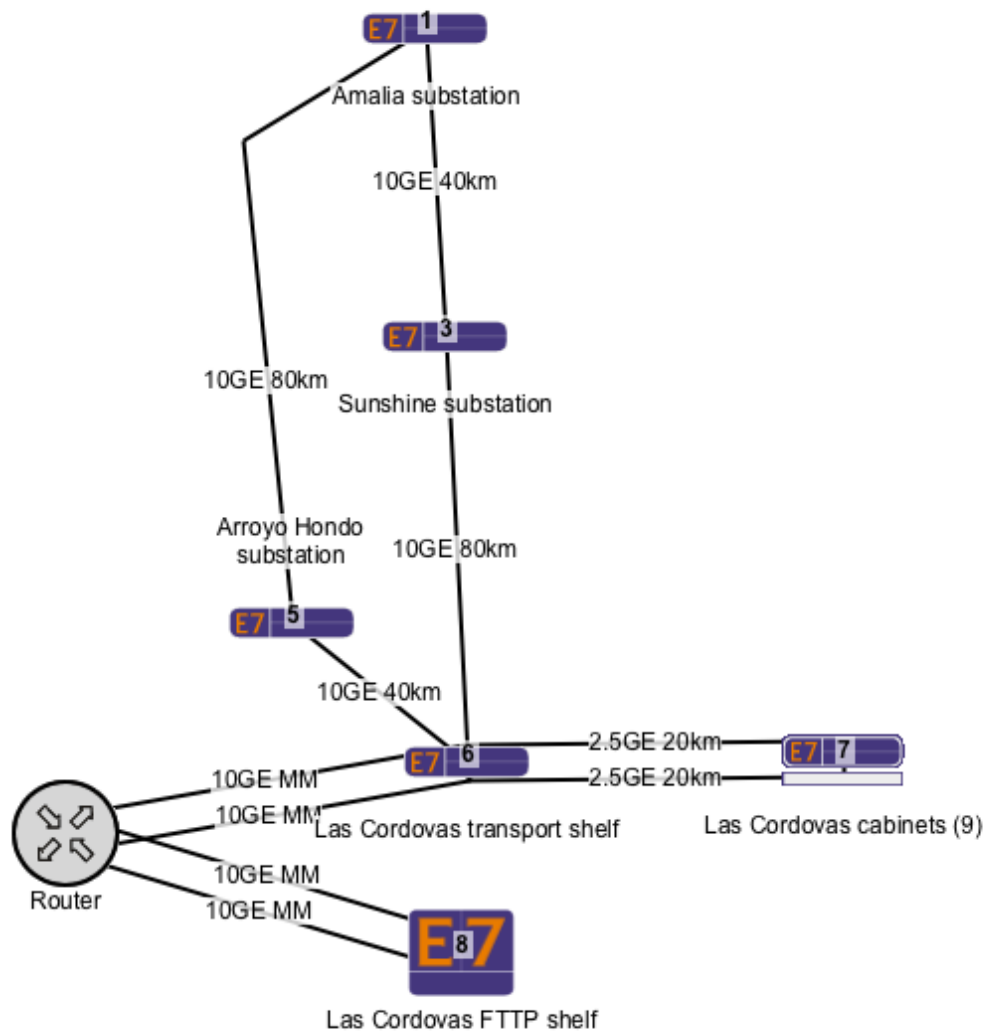


## Calix Network Configuration & Quotation

**Quote Status:** ReadyToOrder  
**Customer Name:** KIT CARSON  
**Author/User Name:** Michael McCalpin  
**Quote Name:** 73932 rev4 - Kit Carson - Trial System, C+optics  
**Contact Name:**

**Quote Reference Number:** 73932  
**Date Created:** 9/18/13 11:55 AM  
**Date Modified:** 9/23/13 9:22 AM  
**Quote Expiration:** 10/24/13 9:22 AM  
**Offline Quote ID:** N/A

### Network Diagram



# Calix Network Configuration & Quotation

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 Author/User Name: Michael McCalpin  
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 Offline Quote ID: N/A

## Amalia substation (Node#1) Equipment List/Prices

Line #	Part #	Part Name	Part Description	CLEI	Price	Quantity	Extended Price
1	<b>2.5/1.2 GPON Interfaces</b>						
2	100-01782	SFP GPON/B+ 20Km 1490nm SC/UPC CO G.984.2	GPON SFP OIM, Class B+, 1490/1310nm Single Fiber Transceiver, C-Temp (CO), C- & E-Series		\$1,497.50	11	\$16,472.50
3	<b>700GE ONT Electronics</b>						
4	100-03246 +	711GE ONT MODULE CE	711GE ONT, 2 POTS, 2 GE	BVM9P00	\$214.00	532	\$113,848.00
5	<b>Custom</b>						
6	999-11111	SFP GPON/C+ 1490nm SC/UPC	SFP GPON/C+ 1490nm SC/UPC		\$4,000.00	2	\$8,000.00
7	<b>ONT Enclosures and Accessories</b>						
8	100-01578	ONT CMN-SFU ENCL-ST	SFU ONT Enclosure with Splice Tray		\$29.00	532	\$15,428.00
9	<b>PON Units</b>						
10	100-03006 <	E7-2 GPON-8	E7-2 GPON-8 card (8x GPON OIM, 4x GE SFP, 2x 10GE SFP+)	BVL3AXY	\$9,096.75	2	\$18,193.50
11	<b>Product Packages</b>						
12	000-00372 ^¶	E7-2 Field Pkg. (CO & RT): Shelf, FTA, Install Kit	E7-2 Field Install Package (CO & ODC/RT): Shelf with Blank Card, FTA, and Field installation Kit		\$646.75	1	\$646.75
13	<b>UPS Systems</b>						
14	100-00695	ONT CMN-SFU UPS AUD ALM	UPS SFU Indoor 12V 7.2AH 24W, Audible Alarm		\$46.00	532	\$24,472.00
15	100-01314	ONT CMN-16/24 PWR CABLE 1000FT	UPS to ONT Power Cable - Calix Type II 16/24 AWG, 1000FT Spool		\$330.00	11	\$3,630.00
16	<b>Node #1 Equipment Total</b>						<b>\$200,690.75</b>
17							
18	<b>Node #1 Grand Total</b>						<b>\$200,690.75</b>

## Notes & Optional Equipment and Services

### Notes

- All prices are being quoted in US \$ (Dollars).
- ^This part number is a package that may contain parts that are eligible for extended warranty. Eligible parts have been included in the extended warranty calculations for the applicable extended warranty part numbers.
- <This part number is eligible for extended warranty. This line item is included in the extended warranty calculations for extended warranty part number 110-00139.
- \*This part number is eligible for extended warranty. This line item is included in the extended warranty calculations for extended warranty part number 110-00135.
- ¶This part number is a package that may contain parts that are eligible for advance exchange. Eligible parts have been included in the advance exchange calculations for the applicable part numbers.

# Calix Network Configuration & Quotation

Quote Status: ReadyToOrder  
 Customer Name: KIT CARSON  
 Author/User Name: Michael McCalpin  
 Quote Name: 73932 rev4 - Kit Carson - Trial System, C+optics  
 Contact Name:

Quote Reference Number: 73932  
 Date Created: 9/18/13 11:55 AM  
 Date Modified: 9/23/13 9:22 AM  
 Quote Expiration: 10/24/13 9:22 AM  
 Offline Quote ID: N/A

## Sunshine substation (Node#3) Equipment List/Prices

Line #	Part #	Part Name	Part Description	CLEI	Price	Quantity	Extended Price
1	<b>10 GE Interfaces</b>						
2	100-01424	Direct Attach SFP/SFP+ 0.5m 30AWG I 10GSFP+Cu	Direct Attach SFP/SFP+ copper cable, 0.5 m, 30AWG, I-Temp		\$62.50	2	\$125.00
3	100-01511	SFP+ 40Km 1550nm LC C 10GBASE-ER	10GE SFP+, Single Mode dual fiber transceiver, 40Km, 1550nm, LC, C-temp	BVL3AMB	\$1,747.50	1	\$1,747.50
4	100-01971	SFP+ 80Km 1550nm LC C 10GBASE-ZR	10GE SFP+, Single Mode dual fiber transceiver, 80Km, 1550nm, LC, C-Temp	BVL3AM4	\$2,247.50	1	\$2,247.50
5	<b>2.5/1.2 GPON Interfaces</b>						
6	100-01782	SFP GPON/B+ 20Km 1490nm SC/UPC CO G.984.2	GPON SFP OIM, Class B+, 1490/1310nm Single Fiber Transceiver, C-Temp (CO), C- & E-Series		\$1,497.50	20	\$29,950.00
7	<b>700GE ONT Electronics</b>						
8	100-03246 +	711GE ONT MODULE CE	711GE ONT, 2 POTS, 2 GE	BVM9P00	\$214.00	1,215	\$260,010.00
9	<b>Custom</b>						
10	999-11111	SFP GPON/C+ 1490nm SC/UPC	SFP GPON/C+ 1490nm SC/UPC		\$4,000.00	8	\$32,000.00
11	<b>ONT Enclosures and Accessories</b>						
12	100-01578	ONT CMN-SFU ENCL-ST	SFU ONT Enclosure with Splice Tray		\$29.00	1,215	\$35,235.00
13	<b>PON Units</b>						
14	100-03006 <	E7-2 GPON-8	E7-2 GPON-8 card (8x GPON OIM, 4x GE SFP, 2x 10GE SFP+)	BVL3AXY	\$9,096.75	4	\$36,387.00
15	<b>Product Packages</b>						
16	000-00372 ^¶	E7-2 Field Pkg. (CO & RT): Shelf, FTA, Install Kit	E7-2 Field Install Package (CO & ODC/RT): Shelf with Blank Card, FTA, and Field installation Kit		\$646.75	2	\$1,293.50
17	<b>UPS Systems</b>						
18	100-00695	ONT CMN-SFU UPS AUD ALM	UPS SFU Indoor 12V 7.2AH 24W, Audible Alarm		\$46.00	1,215	\$55,890.00
19	100-01314	ONT CMN-16/24 PWR CABLE 1000FT	UPS to ONT Power Cable - Calix Type II 16/24 AWG, 1000FT Spool		\$330.00	25	\$8,250.00
20	<b>Node #3 Equipment Total</b>						<b>\$463,135.50</b>
21							
22	<b>Node #3 Grand Total</b>						<b>\$463,135.50</b>
23							
24							
25	<b>Notes &amp; Optional Equipment and Services</b>						
26							
27	<b>Notes</b>						
28	All prices are being quoted in US \$ (Dollars).						
29	^This part number is a package that may contain parts that are eligible for extended warranty. Eligible parts have been included in the extended warranty calculations for the applicable extended warranty part numbers.						
30	<This part number is eligible for extended warranty. This line item is included in the extended warranty calculations for extended warranty part number 110-00139.						
31	*This part number is eligible for extended warranty. This line item is included in the extended warranty calculations for extended warranty part number 110-00135.						
32	¶This part number is a package that may contain parts that are eligible for advance exchange. Eligible parts have been included in the advance exchange calculations for the applicable part numbers.						

# Calix Network Configuration & Quotation

Quote Status: ReadyToOrder  
 Customer Name: KIT CARSON  
 Author/User Name: Michael McCalpin  
 Quote Name: 73932 rev4 - Kit Carson - Trial System, C+optics  
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 Offline Quote ID: N/A

## Arroyo Hondo substation (Node#5) Equipment List/Prices

Line #	Part #	Part Name	Part Description	CLEI	Price	Quantity	Extended Price
1	<b>10 GE Interfaces</b>						
2	100-01511	SFP+ 40Km 1550nm LC C 10GBASE-ER	10GE SFP+, Single Mode dual fiber transceiver, 40Km, 1550nm, LC, C-temp	BVL3AMB	\$1,747.50	1	\$1,747.50
3	100-01971	SFP+ 80Km 1550nm LC C 10GBASE-ZR	10GE SFP+, Single Mode dual fiber transceiver, 80Km, 1550nm, LC, C-Temp	BVL3AM4	\$2,247.50	1	\$2,247.50
4	<b>PON Units</b>						
5	100-03006 <	E7-2 GPON-8	E7-2 GPON-8 card (8x GPON OIM, 4x GE SFP, 2x 10GE SFP+)	BVL3AXY	\$9,096.75	2	\$18,193.50
6	<b>Product Packages</b>						
7	000-00372 ^†	E7-2 Field Pkg. (CO & RT): Shelf, FTA, Install Kit	E7-2 Field Install Package (CO & ODC/RT): Shelf with Blank Card, FTA, and Field installation Kit		\$646.75	1	\$646.75
8	<b>Node #5 Equipment Total</b>						<b>\$22,835.25</b>
9							
10	<b>Node #5 Grand Total</b>						<b>\$22,835.25</b>

## Notes & Optional Equipment and Services

### Notes

All prices are being quoted in US \$ (Dollars).

^This part number is a package that may contain parts that are eligible for extended warranty. Eligible parts have been included in the extended warranty calculations for the applicable extended warranty part numbers.

<This part number is eligible for extended warranty. This line item is included in the extended warranty calculations for extended warranty part number 110-00139.

†This part number is a package that may contain parts that are eligible for advance exchange. Eligible parts have been included in the advance exchange calculations for the applicable part numbers.

**Calix Network Configuration & Quotation**

**Quote Status:** ReadyToOrder  
**Customer Name:** KIT CARSON  
**Author/User Name:** Michael McCalpin  
**Quote Name:** 73932 rev4 - Kit Carson - Trial System, C+optics  
**Contact Name:**

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**Offline Quote ID:** N/A

### Las Cordovas transport shelf (Node#6) Equipment List/Prices

Line #	Part #	Part Name	Part Description	CLEI	Price	Quantity	Extended Price
1	<b>10 GE Interfaces</b>						
2	100-01511	SFP+ 40Km 1550nm LC C 10GBASE-ER	10GE SFP+, Single Mode dual fiber transceiver, 40Km, 1550nm, LC, C-temp	BVL3AMB	\$1,747.50	1	\$1,747.50
3	100-01629	XFP 300m 850nm LC I 10GBASE-SR	10GE XFP, Multi-Mode dual fiber transceiver, 300m, 850nm, LC, I-Temp	BVL3AMA	\$190.00	2	\$380.00
4	100-01971	SFP+ 80Km 1550nm LC C 10GBASE-ZR	10GE SFP+, Single Mode dual fiber transceiver, 80Km, 1550nm, LC, C-Temp	BVL3AM4	\$2,247.50	1	\$2,247.50
5	<b>GE Interfaces</b>						
6	100-01972	SFP 2.5G BIDI 20Km 1490nm LC I 2500BASE-BX20-D	2.5GE BIDI SFP, Single Mode single fiber Downstream transceiver, 20Km, Tx1490nm, LC, I-Temp	BVL3AM5	\$573.75	12	\$6,885.00
7	100-01973	SFP 2.5G BIDI 20Km 1310nm LC I 2500BASE-BX20-U	2.5GE BIDI SFP, Single Mode single fiber Upstream transceiver, 20Km, Tx1310nm, LC, I-Temp	BVL3AM6	\$573.75	12	\$6,885.00
8	<b>PON Units</b>						
9	100-03656 <§	E7-2 GPON-4 r2	E7-2 GPON-4 r2 line card (4x GPON OIM, 8x GE SFP, 2x 10GE XFP, 2x 10GE SFP+)	BVL3AW5	\$7,796.75	2	\$15,593.50
10	<b>Product Packages</b>						
11	000-00372 ^¶	E7-2 Field Pkg. (CO & RT): Shelf, FTA, Install Kit	E7-2 Field Install Package (CO & ODC/RT): Shelf with Blank Card, FTA, and Field installation Kit		\$646.75	1	\$646.75
12	<b>Node #6 Equipment Total</b>						<b>\$34,385.25</b>
13							
14	<b>Node #6 Grand Total</b>						<b>\$34,385.25</b>
15							
16							
17	<b>Notes &amp; Optional Equipment and Services</b>						
18							
19	<b>Notes</b>						
20	All prices are being quoted in US \$ (Dollars).						
21	^This part number is a package that may contain parts that are eligible for extended warranty. Eligible parts have been included in the extended warranty calculations for the applicable extended warranty part numbers.						
22	<This part number is eligible for extended warranty. This line item is included in the extended warranty calculations for extended warranty part number 110-00139.						
23	§This part number is eligible for Advance Exchange. This line item is included in the Advance Exchange calculations for part number 110-00582						
24	¶This part number is a package that may contain parts that are eligible for advance exchange. Eligible parts have been included in the advance exchange calculations for the applicable part numbers.						

**Calix Network Configuration & Quotation**

**Quote Status:** ReadyToOrder  
**Customer Name:** KIT CARSON  
**Author/User Name:** Michael McCalpin  
**Quote Name:** 73932 rev4 - Kit Carson - Trial System, C+optics  
**Contact Name:**

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**Offline Quote ID:** N/A

### Las Cordovas cabinets (9) (Node#7) Equipment List/Prices

Line #	Part #	Part Name	Part Description	CLEI	Price	Quantity	Extended Price
1	<b>2.5/1.2 GPON Interfaces</b>						
2	100-01783	SFP GPON/B+ 20Km 1490nm SC/UPC RT G.984.2	GPON SFP OIM, Class B+,1490/1310nm Single Fiber Transceiver, I-Temp (RT), C- & E-Series		\$1,547.50	9	\$13,927.50
3	<b>700GE ONT Electronics</b>						
4	100-03246 +	711GE ONT MODULE CE	711GE ONT, 2 POTS, 2 GE	BVM9P00	\$214.00	396	\$84,744.00
5	<b>Batteries</b>						
6	100-03367	ODC-100 60Ah Battery String (Northstar)	ODC-100 60Ah Battery String - Northstar NSB 60 FT	N/A	\$1,608.75	9	\$14,478.75
7	<b>Cabinet Package</b>						
8	000-00658 ^1	ODC-100-EL Lcl Pwr, 60Ah base, 1x E7-2	ODC-100-EL Local AC Pwr, 1x E7-2 & FTA, 60Ah battery base	N/A	\$6,093.75	9	\$54,843.75
9	<b>Fiber/Cable Management</b>						
10	100-03333	12xLC/APC, 100ft loose tube, LGX	12 Position Patch and Splice Fiber assembly (LC/APC conn.), 100ft Loose Tube OSP, LGX		\$400.00	9	\$3,600.00
11	<b>GE Interfaces</b>						
12	100-01973	SFP 2.5G BIDI 20Km 1310nm LC I 2500BASE-BX20-U	2.5GE BIDI SFP, Single Mode single fiber Upstream transceiver, 20Km, Tx1310nm, LC, I-Temp	BVL3AM6	\$573.75	18	\$10,327.50
13	<b>Generator Connectors</b>						
14	100-01185	ODC-100 GEN CONN 30	ODC-100 Generator Connector NEMA L14-30R 30amp		\$236.00	9	\$2,124.00
15	<b>Miscellaneous</b>						
16	100-01244	ODC-100 POUR-IN-PLACE TEMPLATE	ODC-100 Pour-in-Place Template (40Ah, 60Ah and Rmt Pwr.)		\$236.00	36	\$8,496.00
17	<b>ONT Enclosures and Accessories</b>						
18	100-01578	ONTCMN-SFU ENCL-ST	SFU ONT Enclosure with Splice Tray		\$29.00	396	\$11,484.00
19	<b>Optical Splitters and WDM</b>						
20	100-00966	OEM-CM1x2 SC APC LGX-1S-S	CM 1X2 - SC/APC IN : SC/APC OUT / OEM-CM1X2SCAA		\$130.00	9	\$1,170.00
21	<b>PON Units</b>						
22	100-03656 <\$	E7-2 GPON-4 r2	E7-2 GPON-4 r2 line card (4x GPON OIM, 8x GE SFP, 2x 10GE XFP, 2x 10GE SFP+)	BVL3AW5	\$7,796.75	9	\$70,170.75
23	<b>UPS Systems</b>						
24	100-00695	ONTCMN-SFU UPS AUD ALM	UPS SFU Indoor 12V 7.2AH 24W, Audible Alarm		\$46.00	396	\$18,216.00
25	100-01314	ONTCMN-16/24 PWR CABLE 1000FT	UPS to ONT Power Cable - Calix Type II 16/24 AWG, 1000FT Spool		\$330.00	8	\$2,640.00
26	<b>Node #7 Equipment Total</b>						<b>\$296,222.25</b>
27							
28	<b>Node #7 Grand Total</b>						<b>\$296,222.25</b>
29							
30							
31	<b>Notes &amp; Optional Equipment and Services</b>						
32							
33	<b>Notes</b>						
34	All prices are being quoted in US \$ (Dollars).						
35	^This part number is a package that may contain parts that are eligible for extended warranty. Eligible parts have been included in the extended warranty calculations for the applicable extended warranty part numbers.						

**Calix Network Configuration & Quotation**

**Quote Status:** ReadyToOrder  
**Customer Name:** KIT CARSON  
**Author/User Name:** Michael McCalpin  
**Quote Name:** 73932 rev4 - Kit Carson - Trial System, C+optics  
**Contact Name:**

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**Las Cordovas cabinets (9) (Node#7) Equipment List/Prices**

- 36 <This part number is eligible for extended warranty. This line item is included in the extended warranty calculations for extended warranty part number 110-00139.
- 37 \*This part number is eligible for extended warranty. This line item is included in the extended warranty calculations for extended warranty part number 110-00135.
- 38 §This part number is eligible for Advance Exchange. This line item is included in the Advance Exchange calculations for part number 110-00582
- 39 ¶This part number is a package that may contain parts that are eligible for advance exchange. Eligible parts have been included in the advance exchange calculations for the applicable part numbers.

**Calix Network Configuration & Quotation**

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**Offline Quote ID:** N/A

## Las Cordovas FTTP shelf (Node#8) Equipment List/Prices

Line #	Part #	Part Name	Part Description	CLEI	Price	Quantity	Extended Price
1	<b>10 GE Interfaces</b>						
2	100-01629	XFP 300m 850nm LC I 10GBASE-SR	10GE XFP, Multi-Mode dual fiber transceiver, 300m, 850nm, LC, I-Temp	BVL3AMA	\$190.00	2	\$380.00
3	<b>2.5/1.2 GPON Interfaces</b>						
4	100-01782	SFP GPON/B+ 20Km 1490nm SC/UPC CO G.984.2	GPON SFP OIM, Class B+, 1490/1310nm Single Fiber Transceiver, C-Temp (CO), C- & E-Series		\$1,497.50	118	\$176,705.00
5	<b>700GE ONT Electronics</b>						
6	100-03246 +	711GE ONT MODULE CE	711GE ONT, 2 POTS, 2 GE	BVM9P00	\$214.00	6,338	\$1,356,332.00
7	<b>Common Control Units</b>						
8	100-02092 <\$	E7-20 SCP-10GE	E7-20 Switch Control Processor (4xGE SFP, 1x10GE XFP, 1x10GE SFP+)	BVC1ACF	\$3,896.75	2	\$7,793.50
9	<b>Custom</b>						
10	999-11111	SFP GPON/C+ 1490nm SC/UPC	SFP GPON/C+ 1490nm SC/UPC		\$4,000.00	27	\$108,000.00
11	<b>ONT Enclosures and Accessories</b>						
12	100-01578	ONT CMN-SFU ENCL-ST	SFU ONT Enclosure with Splice Tray		\$29.00	6,338	\$183,802.00
13	<b>PON Units</b>						
14	100-03007 <\$	E7-20 GPON-8x	E7-20 GPON-8x card (8x GPON ports)	BVL3AT4	\$5,846.75	19	\$111,088.25
15	<b>Power Rectifiers and Modules</b>						
16	100-00573	CIRCUIT BRK PNL (ADC P451)	Circuit Breaker Panel (ADC Powerworx 451 series)		\$596.25	1	\$596.25
17	<b>Product Packages</b>						
18	000-00529 ^¶	E7-20 System Pkg	E7-20 System Package (Shelf, Fan Tray, Fiber Management, Installation Kit)		\$1,940.25	1	\$1,940.25
19	<b>Shelf Accessories</b>						
20	100-01790	E7 Line Card Blank	E7 Line Card Blank (single slot)		\$16.25	1	\$16.25
21	<b>UPS Systems</b>						
22	100-00695	ONT CMN-SFU UPS AUD ALM	UPS SFU Indoor 12V 7.2AH 24W, Audible Alarm		\$46.00	6,338	\$291,548.00
23	100-01314	ONT CMN-16/24 PWR CABLE 1000FT	UPS to ONT Power Cable - Calix Type II 16/24 AWG, 1000FT Spool		\$330.00	127	\$41,910.00
24	<b>Node #8 Equipment Total</b>						<b>\$2,280,111.50</b>
25							
26	<b>Node #8 Grand Total</b>						<b>\$2,280,111.50</b>

### Notes & Optional Equipment and Services

**Notes**

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^This part number is a package that may contain parts that are eligible for extended warranty. Eligible parts have been included in the extended warranty calculations for the applicable extended warranty part numbers.

<This part number is eligible for extended warranty. This line item is included in the extended warranty calculations for extended warranty part number 110-00139.

\*This part number is eligible for extended warranty. This line item is included in the extended warranty calculations for extended warranty part number 110-00135.



**Calix Network Configuration & Quotation**

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**Offline Quote ID:** N/A

**Las Cordovas FTTP shelf (Node#8) Equipment List/Prices**

- 36 §This part number is eligible for Advance Exchange. This line item is included in the Advance Exchange calculations for part number 110-00582
- 37 ¶This part number is a package that may contain parts that are eligible for advance exchange. Eligible parts have been included in the advance exchange calculations for the applicable part numbers.

## Calix Network Configuration & Quotation

**Quote Status:** ReadyToOrder  
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### Configuration Summary by Part Category

Line #	Part #	Part Name	Part Description	CLEI	Price	Quantity	Extended Price
1	<b>10 GE Interfaces</b>						
2	100-01424	Direct Attach SFP/SFP+ 0.5m 30AWG I 10GSFP+Cu	Direct Attach SFP/SFP+ copper cable, 0.5 m, 30AWG, I-Temp		\$62.50	2	\$125.00
3	100-01511	SFP+ 40Km 1550nm LC C 10GBASE-ER	10GE SFP+, Single Mode dual fiber transceiver, 40Km, 1550nm, LC, C-temp	BVL3AMB	\$1,747.50	3	\$5,242.50
4	100-01629	XFP 300m 850nm LC I 10GBASE-SR	10GE XFP, Multi-Mode dual fiber transceiver, 300m, 850nm, LC, I-Temp	BVL3AMA	\$190.00	4	\$760.00
5	100-01971	SFP+ 80Km 1550nm LC C 10GBASE-ZR	10GE SFP+, Single Mode dual fiber transceiver, 80Km, 1550nm, LC, C-Temp	BVL3AM4	\$2,247.50	3	\$6,742.50
6	<b>2.5/1.2 GPON Interfaces</b>						
7	100-01782	SFP GPON/B+ 20Km 1490nm SC/UPC CO G.984.2	GPON SFP OIM, Class B+, 1490/1310nm Single Fiber Transceiver, C-Temp (CO), C- & E-Series		\$1,497.50	149	\$223,127.50
8	100-01783	SFP GPON/B+ 20Km 1490nm SC/UPC RT G.984.2	GPON SFP OIM, Class B+, 1490/1310nm Single Fiber Transceiver, I-Temp (RT), C- & E-Series		\$1,547.50	9	\$13,927.50
9	<b>700GE ONT Electronics</b>						
10	100-03246 *	711GE ONT MODULE CE	711GE ONT, 2 POTS, 2 GE	BVM9P00	\$214.00	8,481	\$1,814,934.00
11	<b>Batteries</b>						
12	100-03367	ODC-100 60Ah Battery String (Northstar)	ODC-100 60Ah Battery String - Northstar NSB 60 FT	N/A	\$1,608.75	9	\$14,478.75
13	<b>Cabinet Package</b>						
14	000-00658 ^f	ODC-100-EL Lcl Pwr, 60Ah base, 1x E7-2	ODC-100-EL Local AC Pwr, 1x E7-2 & FTA, 60Ah battery base	N/A	\$6,093.75	9	\$54,843.75
15	<b>Common Control Units</b>						
16	100-02092 <\$	E7-20 SCP-10GE	E7-20 Switch Control Processor (4xGE SFP, 1x10GE XFP, 1x10GE SFP+)	BVC1ACF	\$3,896.75	2	\$7,793.50
17	<b>Custom</b>						
18	999-11111	SFP GPON/C+ 1490nm SC/UPC	SFP GPON/C+ 1490nm SC/UPC		\$4,000.00	37	\$148,000.00
19	<b>Fiber/Cable Management</b>						
20	100-03333	12xLC/APC, 100ft loose tube, LGX	12 Position Patch and Splice Fiber assembly (LC/APC conn.), 100ft Loose Tube OSP, LGX		\$400.00	9	\$3,600.00
21	<b>GE Interfaces</b>						
22	100-01972	SFP 2.5G BIDI 20Km 1490nm LC I 2500BASE-BX20-D	2.5GE BIDI SFP, Single Mode single fiber Downstream transceiver, 20Km, Tx1490nm, LC, I-Temp	BVL3AM5	\$573.75	12	\$6,885.00
23	100-01973	SFP 2.5G BIDI 20Km 1310nm LC I 2500BASE-BX20-U	2.5GE BIDI SFP, Single Mode single fiber Upstream transceiver, 20Km, Tx1310nm, LC, I-Temp	BVL3AM6	\$573.75	30	\$17,212.50
24	<b>Generator Connectors</b>						
25	100-01185	ODC-100 GEN CONN 30	ODC-100 Generator Connector NEMA L14-30R 30amp		\$236.00	9	\$2,124.00
26	<b>Miscellaneous</b>						
27	100-01244	ODC-100 POUR-IN-PLACE TEMPLATE	ODC-100 Pour-in-Place Template (40Ah, 60Ah and Rmt Pwr.)		\$236.00	36	\$8,496.00
28	<b>ONT Enclosures and Accessories</b>						

## Calix Network Configuration & Quotation

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**Customer Name:** KIT CARSON  
**Author/User Name:** Michael McCalpin  
**Quote Name:** 73932 rev4 - Kit Carson - Trial System, C+optics  
**Contact Name:**

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### Configuration Summary by Part Category

29	100-01578	ONTCMN-SFU ENCL-ST	SFU ONT Enclosure with Splice Tray		\$29.00	8,481	\$245,949.00
30	<b>Optical Splitters and WDM</b>						
31	100-00966	OEM-CM1x2 SC APC LGX-1S-S	CM 1X2 - SC/APC IN : SC/APC OUT / OEM-CM1X2SCAA		\$130.00	9	\$1,170.00
32	<b>PON Units</b>						
33	100-03006 <	E7-2 GPON-8	E7-2 GPON-8 card (8x GPON OIM, 4x GE SFP, 2x 10GE SFP+)	BVL3AXY	\$9,096.75	8	\$72,774.00
34	100-03007 <\$	E7-20 GPON-8x	E7-20 GPON-8x card (8x GPON ports)	BVL3AT4	\$5,846.75	19	\$111,088.25
35	100-03656 <\$	E7-2 GPON-4 r2	E7-2 GPON-4 r2 line card (4x GPON OIM, 8x GE SFP, 2x 10GE XFP, 2x 10GE SFP+)	BVL3AW5	\$7,796.75	11	\$85,764.25
36	<b>Power Rectifiers and Modules</b>						
37	100-00573	CIRCUIT BRK PNL (ADC P451)	Circuit Breaker Panel (ADC Powerworx 451 series)		\$596.25	1	\$596.25
38	<b>Product Packages</b>						
39	000-00372 ^f	E7-2 Field Pkg. (CO & RT): Shelf, FTA, Install Kit	E7-2 Field Install Package (CO & ODC/RT): Shelf with Blank Card, FTA, and Field installation Kit		\$646.75	5	\$3,233.75
40	000-00529 ^f	E7-20 System Pkg	E7-20 System Package (Shelf, Fan Tray, Fiber Management, Installation Kit)		\$1,940.25	1	\$1,940.25
41	<b>Shelf Accessories</b>						
42	100-01790	E7 Line Card Blank	E7 Line Card Blank (single slot)		\$16.25	1	\$16.25
43	<b>UPS Systems</b>						
44	100-00695	ONTCMN-SFU UPS AUD ALM	UPS SFU Indoor 12V 7.2AH 24W, Audible Alarm		\$46.00	8,481	\$390,126.00
45	100-01314	ONTCMN-16/24 PWR CABLE 1000FT	UPS to ONT Power Cable - Calix Type II 16/24 AWG, 1000FT Spool		\$330.00	171	\$56,430.00
46	<b>Calix Network Equipment Total</b>						<b>\$3,297,380.50</b>
47							
48	<b>Spares</b>						
49	100-01511	SFP+ 40Km 1550nm LC C 10GBASE-ER	10GE SFP+, Single Mode dual fiber transceiver, 40Km, 1550nm, LC, C-temp	BVL3AMB	\$1,747.50	1	\$1,747.50
50	100-01629	XFP 300m 850nm LC I 10GBASE-SR	10GE XFP, Multi-Mode dual fiber transceiver, 300m, 850nm, LC, I-Temp	BVL3AMA	\$190.00	1	\$190.00
51	100-01971	SFP+ 80Km 1550nm LC C 10GBASE-ZR	10GE SFP+, Single Mode dual fiber transceiver, 80Km, 1550nm, LC, C-Temp	BVL3AM4	\$2,247.50	1	\$2,247.50
52	100-01782	SFP GPON/B+ 20Km 1490nm SC/UPC CO G.984.2	GPON SFP OIM, Class B+, 1490/1310nm Single Fiber Transceiver, C-Temp (CO), C- & E-Series		\$1,497.50	1	\$1,497.50
53	100-01783	SFP GPON/B+ 20Km 1490nm SC/UPC RT G.984.2	GPON SFP OIM, Class B+, 1490/1310nm Single Fiber Transceiver, I-Temp (RT), C- & E-Series		\$1,547.50	1	\$1,547.50
54	100-03246 +	711GE ONT MODULE CE	711GE ONT, 2 POTS, 2 GE	BVM9P00	\$214.00	84	\$17,976.00
55	100-02092 <\$	E7-20 SCP-10GE	E7-20 Switch Control Processor (4xGE SFP, 1x10GE XFP, 1x10GE SFP+)	BVC1ACFL TB	\$3,896.75	1	\$3,896.75
56	999-11111	SFP GPON/C+ 1490nm SC/UPC	SFP GPON/C+ 1490nm SC/UPC		\$4,000.00	1	\$4,000.00
57	100-01972	SFP 2.5G BIDI 20Km 1490nm LC I 2500BASE-BX20-D	2.5GE BIDI SFP, Single Mode single fiber Downstream transceiver, 20Km, Tx1490nm, LC, I-Temp	BVL3AM5	\$573.75	1	\$573.75

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**Configuration Summary by Part Category**

58	100-01973	SFP 2.5G BIDI 20Km 1310nm LC I 2500BASE-BX20-U	2.5GE BIDI SFP, Single Mode single fiber Upstream transceiver, 20Km, Tx1310nm, LC, I-Temp	BVL3AM6	\$573.75	1	\$573.75
59	100-03006 <	E7-2 GPON-8	E7-2 GPON-8 card (8x GPON OIM, 4x GE SFP, 2x 10GE SFP+)	BVL3AXY	\$9,096.75	1	\$9,096.75
60	100-03007 <\$	E7-20 GPON-8x	E7-20 GPON-8x card (8x GPON ports)	BVL3AT4	\$5,846.75	1	\$5,846.75
61	100-03656 <\$	E7-2 GPON-4 r2	E7-2 GPON-4 r2 line card (4x GPON OIM, 8x GE SFP, 2x 10GE XFP, 2x 10GE SFP+)	BVL3AW5	\$7,796.75	1	\$7,796.75
62	100-02090	E7-20 FTA	E7-20 Fan Tray Assembly, 20 Slot Shelf	BVC1ACEL AA	\$568.75	1	\$568.75
63	100-03590 <\$	E7-2 FTA2	E7-2 Fan Tray Assembly 2 - FTA2	BVC1AC3	\$354.25	1	\$354.25
64	100-00695	ONTCMN-SFU UPS AUD ALM	UPS SFU Indoor 12V 7.2AH 24W, Audible Alarm		\$46.00	84	\$3,864.00

**Calix Spares Total** **\$61,777.50**

**Calix Network Grand Total** **\$3,359,158.00**

**Notes & Optional Equipment and Services****Notes**

All prices are being quoted in US \$ (Dollars).

Unless specifically listed above, the order total shown does not reflect any charges related to shipping, taxes, insurance, customs duties or tariffs, which are the customer's sole responsibility. Unless specifically listed above, the actual freight charges incurred and related taxes will be added to your order at the time of shipping and will be reflected on your invoice. Equipment purchases are subject to our standard terms and conditions of sale, a copy of which can be found at [http://www.calix.com/terms\\_of\\_sale.html](http://www.calix.com/terms_of_sale.html), or (if applicable) the terms and conditions of a previously executed written sales agreement between us.

**Calix Warranty Summary**

With the exception of Premises Products (e.g Optical Network Terminal equipment), Calix warrants its Products for five (5) years from the date of shipment. The warranty for Premises Products is one (1) year from date of shipment. Certain 3rd party products are not warranted by Calix. For these items we "pass-through" the manufacturer's warranty. For the complete Calix warranty policy please visit the Customer Service Page inside your Calix Customer Center and look for the RMA and Warranty information module. For a list of the 3rd party equipment and applicable warranties, please contact your Calix account manager.

^This part number is a package that may contain parts that are eligible for extended warranty. Eligible parts have been included in the extended warranty calculations for the applicable extended warranty part numbers.

<This part number is eligible for extended warranty. This line item is included in the extended warranty calculations for extended warranty part number 110-00139.

\*This part number is eligible for extended warranty. This line item is included in the extended warranty calculations for extended warranty part number 110-00135.

\$This part number is eligible for Advance Exchange. This line item is included in the Advance Exchange calculations for part number 110-00582

†This part number is a package that may contain parts that are eligible for advance exchange. Eligible parts have been included in the advance exchange calculations for the applicable part numbers.

**Important Ordering Instructions:**

Please include the Calix quote number (found in upper right hand corner) on your PO.

Include contact information (Name, Email & Tel) for the appropriate billing and shipping locations.

Send Purchase Orders to Calix Order Management:

Email: [om@calix.com](mailto:om@calix.com)

Fax: 707-283-3771

You may check the status of your order at any time on our website. ([www.calix.com](http://www.calix.com), click Login)

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**Extended Warranty Summary**

Line #	Part #	Part Name	Part Description	Extended Price
1	<b>1 Year</b>			
2	110-00135	Warranty Ext - 1 yr Upfront 700 ONT	Warranty Extension - 1 yr Upfront Sale 700 ONT (max purchase 4 years)	\$42,405.00
3	<b>4/5 Years</b>			
4	110-00139	Warranty Extension - Upfront - 5 yr	Warranty Extension - Upfront - 5 year	\$21,716.25
5	<b>Calix Network Equipment - Extended Warranty</b>			
6	<b>1 Year</b>			
7	110-00135	Warranty Ext - 1 yr Upfront 700 ONT	Warranty Extension - 1 yr Upfront Sale 700 ONT (max purchase 4 years)	\$420.00
8	<b>4/5 Years</b>			
9	110-00139	Warranty Extension - Upfront - 5 yr	Warranty Extension - Upfront - 5 year	\$2,076.25
10	<b>Calix Network Spares - Extended Warranty</b>			
11				
12	<b>Notes</b>			
13	The Extended Warranty purchase is available at the time of hardware purchase, prior to warranty expiration or after warranty expiration. These prices reflect purchase at the time of hardware purchase. Please contact your Calix account manager for pricing for other purchase times.			
14	Infrastructure equipment extensions can be purchased in either 1-year increments or one 5-year extension up to 5 years total extension. Infrastructure has a potential maximum warranty period of 10 years with a 5-year standard warranty plus a full 5-year extension. Premise Equipment extensions can be purchased only in 1-year increments up to 4 years total extension. Premise Equipment has a potential maximum warranty period of 5 years with a 1-year standard warranty plus full 4-year extension.			
15	Any parts that are eligible for extended warranty purchase but are on the Calix Discontinued Parts List are not included in these calculations. Please contact your Calix account manager for pricing for these parts.			
16	Parts that are under the "Custom" header may be eligible for extended warranty purchase, but are not included in these calculations. Please contact your Calix account manager for pricing for these parts.			

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**Advance Exchange Summary**

Line #	Part #	Part Name	Part Description	CLEI	Price	Quantity	Extended Price
1	110-00582	Advance Exchange- Upfront - US & Canada - 1yr	Advance Exchange- Upfront - US & Canada - 1yr		\$25.00	51	\$1,275.00

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**3 Notes**

4 Advance Exchange is available for purchase at the time of hardware purchase, or post sale. These prices reflect purchase at the time of hardware purchase. Please contact your Calix account manager for post-sale pricing.

5 Advance Exchange may be purchased in one year increments up to 10 years on eligible parts.

6 Parts that are under the "Custom" header may be eligible for advance exchange purchase but are not included in these calculations. Please contact your Calix account manager for pricing of these parts.