

IPEX Connector Series

| Description       | Mated Height | Plug PN       | Cable Group | Receptacle PN | Working Frequency |
|-------------------|--------------|---------------|-------------|---------------|-------------------|
| MHF connector     | 2.5mm        | 20278-112R-08 | 0.81mm      | 20279-001E-01 | 0 ~ 6GHz          |
|                   |              | 20278-112R-13 | 1.13mm      |               | 0 ~ 6GHz          |
|                   |              | 20278-112R-32 | 1.32mm      |               | 0 ~ 6GHz          |
| MHF 37 connector  | 2.5mm        | 20351-112R-37 | 1.37mm      |               | 0 ~ 6GHz          |
|                   |              | 20351-112R-37 | 1.48mm      |               | 0 ~ 5GHz          |
|                   |              | 20351-112R-37 | RG178       |               | 0 ~ 5GHz          |
| MHF II connector  | 2.0mm        | 20311-011R-08 | 0.81mm      |               | 0 ~ 6GHz          |
|                   |              | 20311-011R-08 | 1.13mm      |               | 0 ~ 5GHz          |
| MHF III connector | 1.5mm        | 20367-001R    | 0.81mm      | 20369-001E    | 0 ~ 6GHz          |
|                   |              | 20367-001R    | 1.13mm      | 20369-001E    | 0 ~ 5GHz          |
| MHF IV connector  | 1.2mm        | 20448-001R-08 | 0.81mm      | 20449-001E    | 0 ~ 6GHz          |

Compatibility Information

| Description           | PN            |               |                         | PN             |
|-----------------------|---------------|---------------|-------------------------|----------------|
| MHF plug              | 2028-112R-08  | Compatible to | Hirose U.FL plug        | U.FL-LP-040    |
|                       |               |               | Sunridge MCBG plug      | MCBG#68        |
|                       | 20278-112R-13 | Compatible to | Hirose U.FL plug        | U.FL-LP-068    |
|                       |               |               | Sunridge MCBG plug      | MCBG#59        |
|                       | 20278-112R-32 | Compatible to | Hirose U.FL plug        | U.FL-LP-066    |
|                       |               |               | Sunridge MCBG plug      | MCBG#59        |
|                       | 20351-112R-37 | Compatible to | Hirose U.FL plug        | U.FL-LP-088    |
| MHF II plug           | 20311-001R-08 | Compatible to | Hirose U.FL plug        | U.FL-LP(V)-040 |
|                       |               |               | Sunridge MCBG2          | MCBG2#68       |
| MHF/ MHFII receptacle | 20279-001E-01 | Compatible to | Hirose U.FL receptacle  | U.FL-R-SMT     |
|                       |               |               | Sunridge MCB receptacle | MCB-ST-00T     |
| MHF III plug          | 20367-001R    | Compatible to | Hirose W.FL plug        | W.FL-LP-040    |
|                       |               |               | Sunridge MCD plug       | MCD#60, MCD#68 |
| MHF III receptacle    | 20369-001E    | Compatible to | Hirose W.FL receptacle  | W.FL-R-SMT-1   |
|                       |               |               | Sunridge MCD receptacle | MCD-ST-00T     |
| MHF IV plug           | 20448-001R-08 | Compatible to | Murata HSC plug         | MHXP32         |
| MHF IV receptacle     | 20448-001E    | Compatible to | Murata HSC receptacle   | MM4829-2702RA4 |