ION®-U Series High Power Master Optical Transceiver with Frequency Conversion Module and WCS Band Support

Product Classification

Brand
ION®-U

Product Type
Master optical transceiver

General Specifications

Note
Detailed Product Specifications are available. Please contact your local CommScope representative.

Electrical Specifications

Impedance
50 ohm

Voltage
12 Vdc

Electrical Specifications Rx (Uplink)

Operating Frequency Band, Conversion Bands
- 698 – 915 MHz (Band 1)
- 1710 – 2020 MHz (Band 2)
- 2305 – 2320 MHz (Band 3)

Operating Frequency Band, Optical Link
- 300 – 1000 MHz (Band 1)
- 1710 – 2200 MHz (Band 2)
- 2300 – 2700 MHz (Band 3)
- 3050 – 3800 MHz (Band 4)

Electrical Specifications Tx (Downlink)

Operating Frequency Band, Conversion Bands
- 716 – 894 MHz (Band 1)
- 1930 – 2200 MHz (Band 2)
- 2345 – 2360 MHz (Band 3)

Operating Frequency Band, Optical Link
- 300 – 1000 MHz (Band 1)
- 1710 – 2200 MHz (Band 2)
- 2300 – 2700 MHz (Band 3)
- 3050 – 3800 MHz (Band 4)

Regulatory Compliance/Certifications

Agency
ISO 9001:2015

Classification
Designed, manufactured and/or distributed under this quality management system