ION®-U Series High Power Master Optical Transceiver with Frequency Conversion Module

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)
- 2496 – 2690 MHz (Band 3)

Operating Frequency Band, Optical Link
- 300 – 1000 MHz (Band 1)
- 1710 – 2200 MHz (Band 2)
- 2350 – 2700 MHz (Band 3)
- 3050 – 3800 MHz (Band 4)

Electrical Specifications Tx (Downlink)

Operating Frequency Band, Conversion Bands
- 716 – 960 MHz (Band 1)
- 1805 – 2200 MHz (Band 2)
- 2496 – 2690 MHz (Band 3)

Operating Frequency Band, Optical Link
- 300 – 1000 MHz (Band 1)
- 1710 – 2200 MHz (Band 2)
- 2350 – 2700 MHz (Band 3)
- 3050 – 3800 MHz (Band 4)

Regulatory Compliance/Certifications

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