

TIL-US1-HL



ION®-B Series Interconnect Link for Cellular 700, LMR 700, LMR 800, Cellular 850, LMR 900, AWS, and PCS 1900 Extended, two fiber version

OBSOLETE

Product Classification

Product Type	Interconnect link
Product Brand	ION®-B

General Specifications

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

Impedance	50 ohm
License Band	AWS CEL 850 Cellular 700 LMR 700 LMR 800 LMR 900 PCS 1900 Extended

Electrical Specifications, Rx (Uplink)

Flatness, inband link	±0.5 dB
Operating Frequency Band	1710 – 1780 MHz (AWS 1700) 1850 – 1915 MHz (PCS 1900 Extended) 698 – 716 MHz (Cellular 750) 776 – 787 MHz (Cellular 700) 788 – 806 MHz (LMR 700) 806 – 824 MHz (LMR 800) 824 – 849 MHz (CEL 850) 896 – 901 MHz (LMR 900)

Electrical Specifications, Tx (Downlink)

Operating Frequency Band	1930 – 1995 MHz (PCS 1900 Extended) 2110 – 2180 MHz (AWS 1700) 728 – 757 MHz (Cellular 700) 758 – 776 MHz (LMR 700) 851 – 869 MHz (LMR 800) 869 – 894 MHz (CEL 850) 935 – 940 MHz (LMR 900)
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TIL-US1-HL

Regulatory Compliance/Certifications

Agency

ISO 9001:2015

**Classification**

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

Included Products

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| TDTX-300 | - Transmitter Module for ION®-B Series Interconnect Link |
| TMRX-200 | - Receiver Module for ION®-B Series Interconnect Link |
| TSRX-244/8 | - Receiver Module for ION®-B Series Interconnect Link |