



TIL-US1-HLW

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

General Specifications

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

Electrical Specifications

License Band	AWS CEL 850 Cellular 700 LMR 700 LMR 800 LMR 900 PCS 1900 Extended
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Electrical Specifications Rx (Uplink)

Operating Frequency Band	1710 – 1755 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)
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Electrical Specifications Tx (Downlink)

Operating Frequency Band	1930 – 1995 MHz (PCS 1900 Extended) 2110 – 2155 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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Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

Included Products

- TSRX-344/8 (Product Component—not orderable) — Receiver Module for ION®-B Series Interconnect Link
- TMRX-500 (Product Component—not orderable) — Receiver Module for ION®-B Series Interconnect Link
- TDTX-500 (Product Component—not orderable) — Transmitter Module for ION®-B Series Interconnect Link
- TDTX-300 (Product Component—not orderable) — Transmitter Module for ION®-B Series Interconnect Link