

# TIL-US1-HLW/1



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

## 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)

# TIL-US1-HLW/1

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## Regulatory Compliance/Certifications

### Agency

ISO 9001:2015



### Classification

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

## Included Products

- |            |  |
|------------|--|
| TDTX-300   | - Transmitter Module for ION®-B Series Interconnect Link |
| TDTX-500   | - Transmitter Module for ION®-B Series Interconnect Link |
| TMRX-500   | - Receiver Module for ION®-B Series Interconnect Link    |
| TSRX-344/8 | - Receiver Module for ION®-B Series Interconnect Link    |