

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

- | | |
|------------|--|
| 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 |

TDTX-300

Transmitter Module for ION®-B Series Interconnect Link

Product Classification

Product Type

Interconnect link

Product Brand

ION®-B

General Specifications

Note

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

Regulatory Compliance/Certifications

Agency

ISO 9001:2015

Classification

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



TMRX-200

Receiver Module for ION®-B Series Interconnect Link

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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Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|--|
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |



TSRX-244/8

Receiver Module for ION®-B Series Interconnect Link

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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Regulatory Compliance/Certifications

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