

# TIL-US1-HL/1



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

<b>Product Type</b>	Interconnect link
<b>Product Brand</b>	ION®-B

## General Specifications

<b>Note</b>	Detailed Product Specifications are available. Please contact your local CommScope representative.
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## Electrical Specifications

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

## Electrical Specifications, Rx (Uplink)

<b>Flatness, inband link</b>	±0.5 dB
<b>Operating Frequency Band</b>	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)

<b>Operating Frequency Band</b>	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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## Regulatory Compliance/Certifications

**Agency****Classification**

ISO 9001:2015

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-244/1 | - Receiver Module for ION®-B Series Interconnect Link    |

# TDTX-300

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Transmitter Module for ION®-B Series Interconnect Link

## Product Classification

<b>Product Type</b>	Interconnect link
<b>Product Brand</b>	ION®-B

## General Specifications

<b>Note</b>	Detailed Product Specifications are available. Please contact your local CommScope representative.
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## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

# TMRX-200

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Receiver Module for ION®-B Series Interconnect Link

## Product Classification

<b>Product Type</b>	Interconnect link
<b>Product Brand</b>	ION®-B

## General Specifications

<b>Note</b>	Detailed Product Specifications are available. Please contact your local CommScope representative.
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## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

# TSRX-244/1

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Receiver Module for ION®-B Series Interconnect Link

## Product Classification

<b>Product Type</b>	Interconnect link
<b>Product Brand</b>	ION®-B

## General Specifications

<b>Note</b>	Detailed Product Specifications are available. Please contact your local CommScope representative.
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## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system