

DATA SHEET

10-D01CX-IX | DIPLEXER

Frequency: Band 1: 790-862 MHz, Band 2: 880-960 MHz | PIM3: \leq -150/-155/-160dBc | Connector: DIN Female

| Usage: Indoor

OVERVIEW

Bridge Multi-Band Combiner is the product to fast combine two or more different system signals and output from Com port.

Bridge combiner integrated with multi-technology to enhance the low PIM, isolation and other key parameters. Pure silver plating is guaranteed in production processing.

In the section of materials selection, Bridge products are all made of good and rugged materials, which make sure long product working life and stable working performance.

TECHNICAL DATA

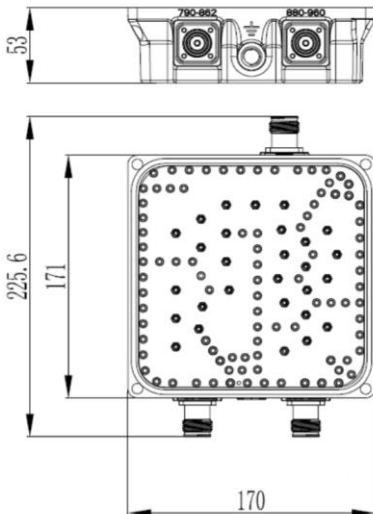
Part Number

Unit Type		Single Unit	Twin Unit
PIM3 (2x43dBm)	\leq -150dBc	10-D01C3-IS	10-D01C3-IT
	\leq -155dBc	10-D01C5-IS	10-D01C5-IT
	\leq -160dBc	10-D01C7-IS	10-D01C7-IT

FEATURES

- Available for various of DC/AISG by pass configurations.
- Low PIM, high isolation and good return loss.
- Built-in lightning protection.
- Wall or pole mounting.
- 4.3-10/Din connector type is optional.
- Single and twins type is optional.
- Cost-effective design

Product



Electrical Specifications

Frequency Range	Band 1	790-862 MHz
	Band 2	880-960 MHz
Insertion loss	Band 1	\leq 0.5dB
	Band 2	\leq 0.5dB
Isolation		\geq 50dB
VSWR/ Return loss		\geq 19dB
DC/AISG by PASS	Band 1	Pass
	Band 2	Pass
Power Rating		100W
Impedance		50 Ω

Mechanical Specifications

Connectors	DIN Female
Dimensions	171x170x53 mm
Weight	1.8kg
Color	Black

Environmental Specifications

Temperature	-40°C~+65°C
Humidity	\leq 95%
IP Rating	IP40, Indoor

Installation Specifications

Installation Method	Wall Mounting
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Precise Cavity Processing



Excellent&100% Silver Plating

Unit measurements in mm

Disclaimer: All images are for reference purposes only

Important Notice: Information contained in this data sheet is believed to be reliable at the date of issue, however accuracy and completeness is not guaranteed.

Bridge Components holds the right to change the product specifications without notice.

Revised | B.1.1