

DATA SHEET

10-D01X7-OX1

DIPLEXER

Frequency: Band 1: 690-862MHz, Band 2: 880-960MHz
AISG by pass: All Pass

Power Rating: 250W
IM3: ≤-160dBc

Connector: N/4.3-10/DIN-Female
Usage: Indoor & Outdoor



OVERVIEW

BRIDGE COMBINERS are used to combine two different system signals and output signal from com port. The combiners are integrated with technology to enhance the low PIM, isolation and other key parameters.

KEY FEATURES

- Available in various DC/AISG by pass configurations
- N, Din 4.3-10 connectors, available upon request
- Single or twin type available

Product Picture



ORDERING INFORMATION

Part Numbers

		Single Unit	Twin Units
Connector Type	N Female	10-D01A7-OS1	10-D01A7-OT1
	4.3-10 Female	10-D01E7-OS1	10-D01E7-OT1
	DIN Female	10-D01C7-OS1	10-D01C7-OT1

TECHNICAL DATA

Electrical Specifications

Frequency Range	Band 1	690-862MHz
	Band 2	880-960MHz
Insertion loss	Port 1	≤0.45dB
	Port 2	≤0.45dB
Isolation		≥50dB
VSWR/ Return loss		≤ 1.22/-20dB
PIM : IM3		≤-160dBc
DC/AISG by pass	Port 1-Com	Pass
	Port 2-Com	Pass
Power Rating		250W
Impedance		50Ω

Disclaimer All images are for reference purposes only

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Important Notice: Information contained in this data sheet is believed to be reliable at the date of issue, accuracy and completeness is not guaranteed. Bridge Components holds the right to change the product specifications without notice.

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Mechanical Specifications

Connectors	Single Unit	N/4.3-10/DIN-Female
	Twin Unit	N/4.3-10/DIN-Female
Dimensions	Single Unit	205 x 171 x 56 mm
	Twin Unit	205 x 171 x 117 mm
Weight	Single Unit	3 kg
	Twin Unit	6 kg
Color	Light gray	

Environmental Specifications

Temperature	-40°C~+65°C
Humidity	≤95%
Lighting Protection	10kA;8/20 μs pulse
IP Rating	IP67, Indoor & Outdoor

Installation Specifications

Installation Method	Wall/ Pole Mounting
Pole Diameter	Φ55- Φ180 mm