

10-D02XX-0X4

DIPLEXER

Frequency: Band 1:1710-1880, Band 2:1920-2170MHz | Power Rating: 250W | Connector: Optional
AISG by pass: Pass/Stop | IM3: <-150/155/160 dBc | Usage: Indoor & Outdoor



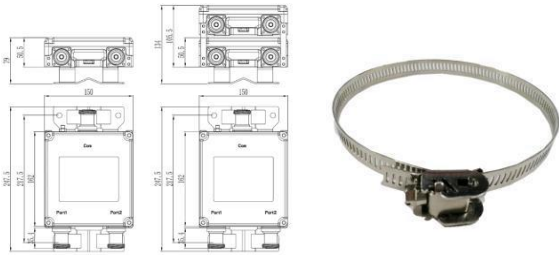
OVERVIEW

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					
Connector type		N-Female		DIN-Female	4.3-10-Female
PIM:IM3 (@2x 20 W Carrier)	≤-150dBc	Single	10-D02A3-OS4	10-D02C3-OS4	10-D02E3-OS4
		Twin	10-D02A3-OT4	10-D02C3-OT4	10-D02E3-OT4
	≤-155dBc	Single	10-D02A5-OS4	10-D02C5-OS4	10-D02E5-OS4
		Twin	10-D02A5-OT4	10-D02C5-OT4	10-D02E5-OT4
	≤-160dBc	Single	10-D02A7-OS4	10-D02C7-OS4	10-D02E7-OS4
		Twin	10-D02A7-OT4	10-D02C7-OT4	10-D02E7-OT4

TECHNICAL DATA

Electrical Specifications		
Frequency Range	Band 1	1710-1880 MHz
	Band 2	1920-2170 MHz
Insertion loss	Port 1	≤0.30 dB
	Port 2	≤0.30 dB
Isolation		≥50dB
VSWR/ Return loss		≤1.22/-20dB
PIM : IM3		≤-150/-155/-160 dBc
DC/AISG by Pass	Port 1-COM	Pass/Stop
	Port 2-COM	Pass/Stop
Power Rating		250W
Impedance		50Ω

10-D02XX-OX4

DIPLEXER

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AISG by pass: Pass/Stop | IM3: <-150/155/160 dBc | Usage: Indoor & Outdoor



Mechanical Specifications		
Connectors	Single Unit	N-Female/DIN-Female/4.3-10-Female
	Twin Unit	N-Female/DIN-Female/4.3-10-Female
Dimensions	Single Unit	162 x 150 x 50.5 mm
	Twin Unit	162 x 150 x 105.5 mm
Weight	Single Unit	2 kg
	Twin Unit	3.9 kg
Color		Light Gray

Environmental Specifications	
Temperature	-40°C~+65 °C
Humidity	≤95%
Lighting Protection	3kA; 10/350µs pulse
IP Rating	IP67, Indoor & Outdoor

Installation Specifications	
Installation Method	Wall/ Pole Mounting
Pole Diameter	Φ35- Φ125mm