

DUAL BAND COMBINER

PART NO. : WV-DBC-0819-3D

◆ APPLICATION

- > Integrates Wireless Bands(824MHz~894MHz, 1850MHz~1990MHz)
- > Designs for Co-siting systems
- > Indoor/Outdoor Application

◆ FEATURE

- > High Reliability
- > **RoHS Compliant**

◆ ELECTRICAL SPECIFICATION

ITEM	SPECIFICATION	
	Band 1	Band 2
Frequency Range	824MHz ~ 894MHz	1850MHz ~ 1990MHz
Bandwidth	70MHz	140MHz
Insertion Loss	0.25dB Max. @ Band 1(824MHz ~ 894MHz) 0.25dB Max. @ Band 2(1850MHz ~ 1990MHz)	
VSWR	1.22:1 Max	
PIMD	150dBc Min @ 2x43dBm Input	
Isolation	50dB Min	
DC Pass	Band 1 : DC Block Band 2 : DC Pass	
Maximum Input Power	400W (CW)	
In/Out Impedance	50 Ohms Nominal	

◆ ACCESSORY

ITEM	SPECIFICATION
Operating Temperature	-40°C to +60°C
Environmental class	IP65

◆ ENVIRONMENTAL SPECIFICATIONS

ITEM	SPECIFICATION
Grounding cable	Included, 1mt of tin plated cooper AWG7 with terminals in both ends

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MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATION
Dimension	170.0 x 100.0 x 70.0 Max (unit:mm)
Mounting Points	Wall or Pole
RF Connector	7/16 DIN Female Connector
Connector Position	See Outline Drawing
Weight	1.6Kg
Finish	Gray color epoxy coating

OUTLINE DRWAING

