

TRIPLE BAND COMBINER

PART NO. : WV-TBC-091821-4D

◆ APPLICATION

- > Integrates Wireless Bands(890MHz~960MHz,1710MHz~1880MHz, 1920MHz~2170MHz)
- > Designs for Co-siting systems
- > Indoor/Outdoor Application

◆ FEATURE

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

◆ ELECTRICAL SPECIFICATION

ITEM	SPECIFICATION		
	Band 1	Band 2	Band 3
Frequency Range	890MHz ~ 960MHz	1710MHz ~ 1880MHz	1920MHz ~ 2170MHz
Bandwidth	70MHz	170MHz	250MHz
Insertion Loss	0.25dB Max. @ Band 1(890MHz ~ 960MHz) 0.4dB Max. @ Band 1(1710MHz ~ 1880MHz) 0.4dB Max. @ Band 2(1920MHz ~ 2170MHz)		
VSWR	1.22:1 Max		
PIMD	150dBc Min @ 2x43dBm Input		
Isolation (System to System)	50dB Min		
DC Pass	Band 1 : DC Pass Band 2 : DC Pass Band 3 : DC Pass		
Maximum Input Power	150W (CW) per port		
In/Out Impedance	50 Ohms Nominal		

◆ ENVIRONMENTAL SPECIFICATIONS

ITEM	SPECIFICATION
Operating Temperature	-20°C to +60°C
Environmental class	IP65

◆ ACCESSORY

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	215.9.0 x 241.0 x 82.0 Max (unit:mm)
Mounting Points	Wall or Pole
RF Connector	7/16 DIN Female Connector
Connector Position	See Outline Drawing
Weight	5.0Kg
Finish	Black color epoxy coating

OUTLINE DRWAING

