

TRIPLE BAND COMBINER

PART NO. : WV-TBC-091821-4N-02

◆ APPLICATION

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

◆ FEATURE

- > High Reliability
- > **RoHS Compliant**
- > IP68-classified

◆ ELECTRICAL SPECIFICATION

ITEM	SPECIFICATION		
	900(GSM) Port	1800(DCS)Port	UMTS Port
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/Return Loss	1.22:1 Max / 20dB Min		
PIMD	150dBc Min @ 2x43dBm Input		
Isolation	50dB Min		
DC Pass	Band 1 : DC Pass Band 2 : DC Pass Band 3 : DC Pass		
Average Power Handling	25W (CW) per port		
In/Out Impedance	50 Ohms Nominal		

◆ MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATION
Dimension	Single : 200.0 x 165.0 x 59.0 Max (unit:mm)
Mounting Points	Wall or Pole
RF Connector	N Female Connector
Connector Position	See Outline Drawing
Weight	Around 3.3Kg
Pieces in Box	1
Finish	Gray color epoxy coating

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ENVIRONMENTAL SPECIFICATIONS

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

OUTLINE DRWAING

