

TRIPLE BAND COMBINER

PART NO. : WV-TBC-091821-4D-04

◆ APPLICATION

- > Integrates Wireless Bands(806MHz~960MHz,1710MHz~1880MHz, 1920MHz~2170MHz)
- > Designs for Co-siting systems
- > Outdoor Application

◆ FEATURE

- > High Reliability
- > **RoHS Compliant**
- > IP66-classified

◆ ELECTRICAL SPECIFICATION

ITEM	SPECIFICATION		
	GSM900	GSM1800	UMTS Port
Frequency Range	806MHz ~ 960MHz	1710MHz ~ 1880MHz	1920MHz ~ 2170MHz
Bandwidth	154MHz	170MHz	250MHz
Insertion Loss	GSM900 : ≤0.2dB, Typ. 0.15dB GSM1800 : ≤0.35dB, Typ. 0.20dB UMTS : ≤0.45dB, Typ. 0.25dB		
VSWR/Return Loss	1.22:1 Max / 20dB Min		
PIMD	160dBc Min @ 2x43dBm Input		
Isolation	50dB Min		
DC Pass	Band 1 : DC Pass Band 2 : DC Pass Band 3 : DC Pass		
Average Power Handling	GSM900 : 240W GSM1800 : 240W UMTS : 100W		
In/Out Impedance	50 Ohms Nominal		

◆ ENVIRONMENTAL SPECIFICATIONS

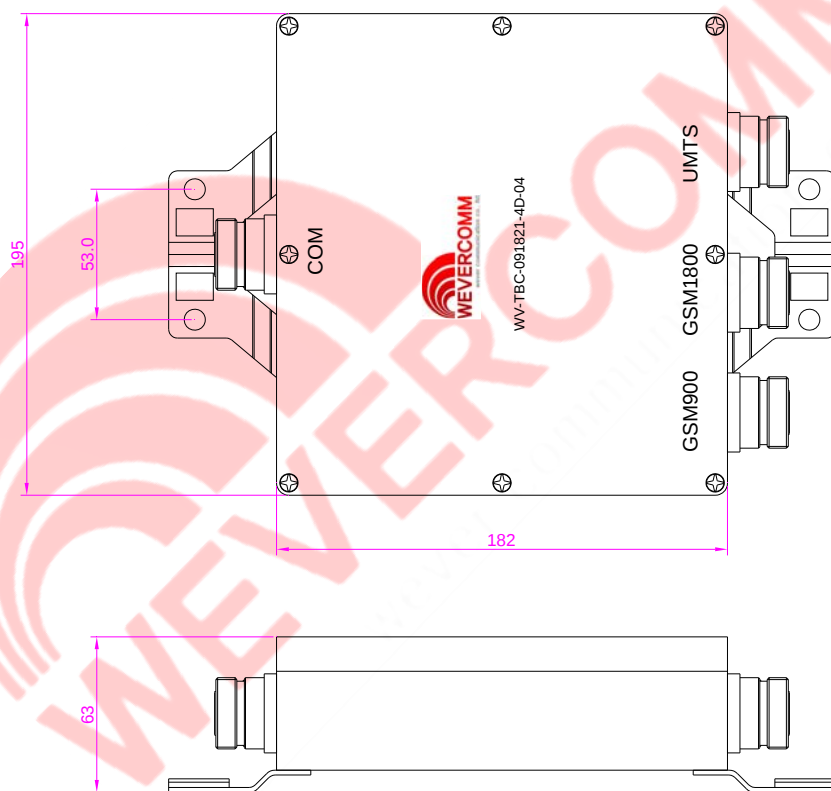
ITEM	SPECIFICATION
Operating Temperature	-40°C to +60°C
Environmental class	IP66

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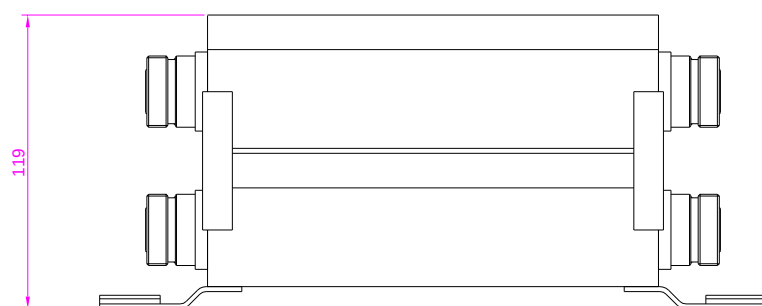
MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATION
Dimension	Single : 195.0 x 182.0 x 54.0 Max (unit:mm) Double : 195.0 x 182.0 x 120.0 Max (unit:mm)
Mounting Points	Wall or Pole
RF Connector	7/16 DIN Female Connector
Connector Position	See Outline Drawing
Weight	Single : Around 3.6Kg Double : Around 7.2Kg
Pieces in Box	1
Finish	Gray color epoxy coating

OUTLINE DRWAING



Single



Double