

PART NO. : WVC-1795D2045-170M05

◆ APPLICATION

> for use in CDCS1800/UMTS2100 Band Systems

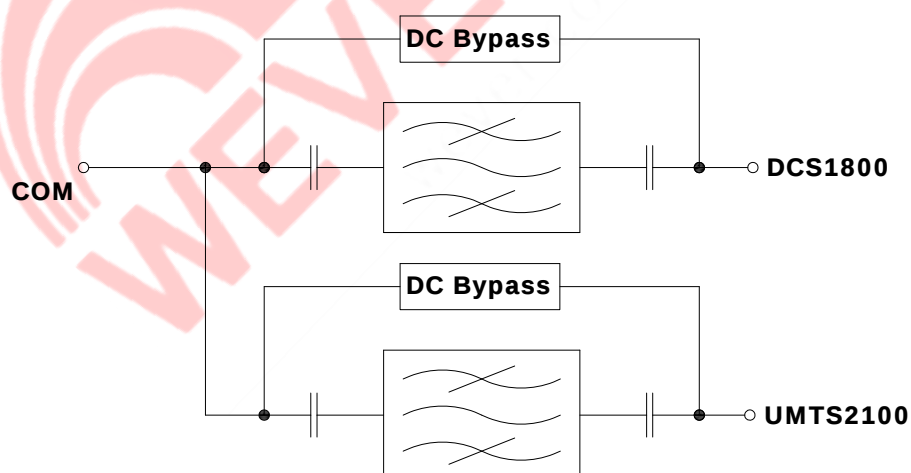
◆ FEATURE

> High Reliability
> **RoHS Compliant**

◆ ELECTRICAL SPECIFICATION

ITEM	SPECIFICATION
Frequency Range	DCS1800 : 1710MHz ~ 1880MHz UMTS2100 : 1920MHz ~ 2170MHz
Insertion Loss	0.3dB Max
VSWR	1.2:1 Max
Isolation DCS1800 ↔ UMTS2100	50dB Min (1710MHz ~ 1880MHz) 50dB Min (1920MHz ~ 2170MHz)
Input Power Rating per port	240W
PIMD	150dBc Min @ 2-tone 43dBm Input
Dc By-pass	All port DC By-pass(2500mA, Max)
In/Out Impedance	50 Ohms nominal

◆ BLOCK DIAGRAM



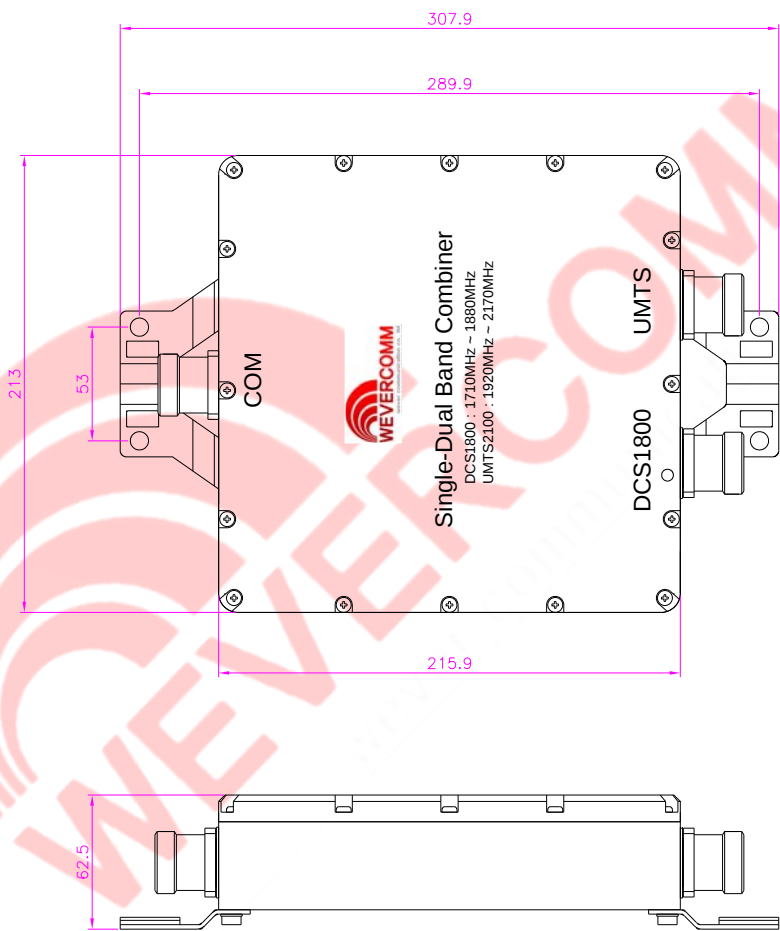
◆ ENVIRONMENTAL SPECIFICATIONS

ITEM	SPECIFICATION
Operating Temperature Range	-40°C to +60°C
Ligthning Protection	3kA, 10/350us pulse

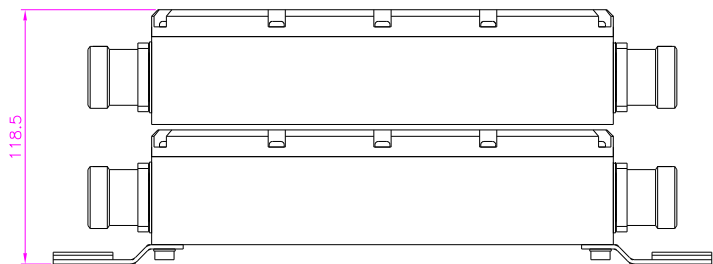
MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATION	Remark
Dimension	Single Unit : 318.0 x 214.0 x 72.0(mm) Double Unit : 318.0 x 214.0 x 135.0(mm)	Including mounting bracket
Mounting Points	See Outline Drawing, wall or pole	With additional clamp set
RF Connector	DIN Long Female Connector	
Connector Position	See Outline Drawing	
Finish	Gray color epoxy coating	IP67

OUTLINE DRWAING



Single Unit



Double Unit