

PART NO. : WV-DBC-0819-3D-04**◆ APPLICATION**

- > LTE ready design
- > Extremely low insertion loss
- > Extremely high power handling capability

◆ FEATURE

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

◆ ELECTRICAL SPECIFICATION

ITEM	SPECIFICATION	
	LOW	HIGH
Frequency Range	698MHz ~ 960MHz	1710MHz ~ 2200MHz
Bandwidth	262MHz	490MHz
Insertion Loss	0.07dB Typ. @ 698MHz ~ 960MHz 0.13dB Typ @ 1710MHz ~ 2200MHz	
Return Loss	19.0dB Min 23dB Typ.	
PIMD	-112dBm Min @ 2x43dBm Input	
Rejection Between Band	58dB Min, 64dB Typ.	57dB Min, 70dB Typ.
DC Pass	Band 1 : DC Pass Band 2 : DC Pass	
Maximum Input Power	750W (CW) Avg. 15Kw Peak	500W (CW) Avg. 8Kw Peak
In/Out Impedance	50 Ohms Nominal	

◆ ENVIRONMENTAL SPECIFICATIONS

ITEM	SPECIFICATION
Operating Temperature	-40°C to +60°C
Environmental	ETSI 300-019-2-4 class 4.1E
Ingress Protection	IP67
Lightning Protection	EN/IEC61000-4-5 Level 4

◆ MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATION
Dimension	258.0 x 152.0 x 67.0 Max (unit:mm)(included Bracket)
Mounting Points	Wall or Pole(with included clamp 6inch-2EA)
RF Connector	7/16 DIN Female Connector-Long Neck
Connector Position	See Outline Drawing
Finish	Gray color epoxy coating

◆ OUTLINE DRAWING

