

PART NO. : WV-1.8GTMA-T-03**◆ APPLICATION**

> For DCS1800 Band System Base Station

◆ FEATURE

> High Reliability

> **RoHS Compliance****◆ ELECTRICAL SPECIFICATION**

ITEM	SPECIFICATION
Downlink(Tx)	
Frequency Range	1805MHz ~ 1880MHz
Return Loss, All Ports	18.0dB Min
Insertion Loss	0.5dB Typical
Ripple	0.3dB Typical
Power Handling(operational)	53dBm
Power Handling(survival)	57dBm
Intermodulation	-110dBm Max, 2-Tone 43dBm carriers, in the Downlink band
Uplink(Rx)	
Frequency Range	1710MHz ~ 1785MHz
Gain	14dB
Insertion Loss(Bypass mode)	3.0dB Typical
Return Loss, All Ports	18dB Min
Return Loss, All Ports(Bypass mode)	12dB Min
Noise Figure	1.5dB Typical
OIP3	26dBm Typical
Max Input Power	+12dBm
Power Supply Voltage	12V
Power Consumption	1.5W Max per LNA
Current Alarm Mode	Current alarm compatible with PDU
Lightning Protection ANT Port	DC Ground
Lightning Protection BTS Port	8/20us 10kA
Input/Output Impedance	50 Ohm nominal

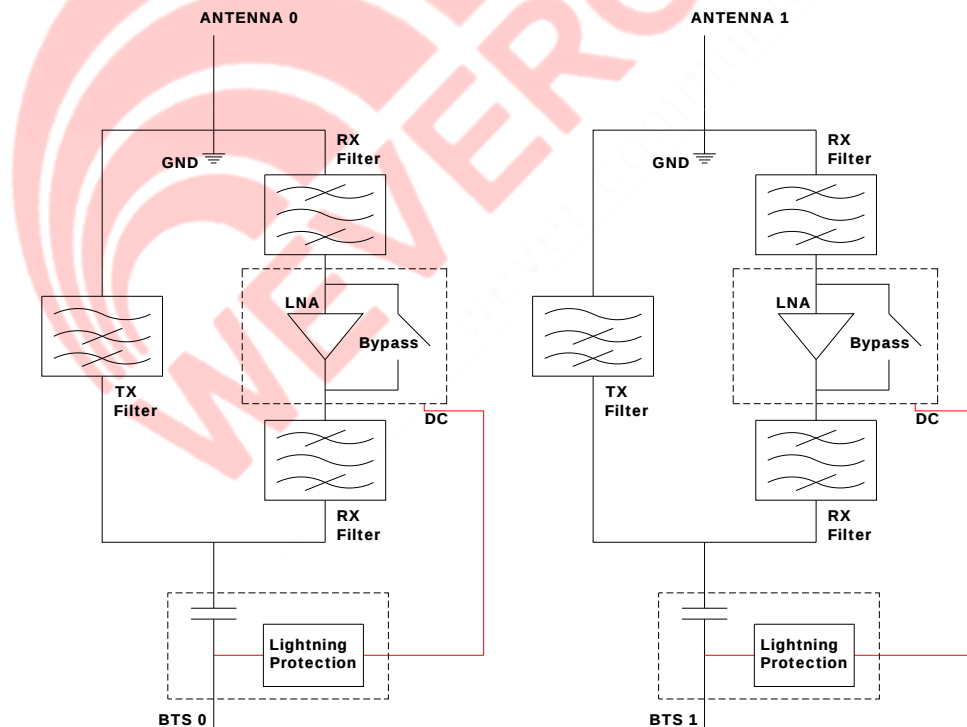
◆ ENVIRONMENTAL SPECIFICATIONS

ITEM	SPECIFICATION
Operating Temperature Range	-40°C to +65°C
Ingress Protection	IP-67
Humidity	100 %

◆ MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATION
Dimension	250.0 x 160.0 x 75.0 (Unit:mm)
Weight	5Kg
RF Connector	7/16 DIN Female Connector
Clamp	6inch-2EA
Grounding Cable	AWG8, Length 3M

◆ BLOCK DIAGRAM



◆ OUTLINE DRAWING

