

PART NO. : WV-UMTSTTMA-01

◆ APPLICATION

> For UMTS Band System

◆ FEATURE

> High Reliability

> **RoHS Compliance**

◆ ELECTRICAL SPECIFICATION

ITEM	SPECIFICATION
Downlink	
Frequency Range	2110MHz ~ 2170MHz
Return Loss, All Ports	18dB Min
Insertion Loss	0.5dB Typical
Maximum Input Power, RMS	50Watts Max
Maximum Input Power, Peak	2Kwatts Max
Intermodulation	-110dBm Min, 2-Tone 43dBm carriers, in the Downlink band
Uplink	
Frequency Range	1920MHz ~ 1980MHz
Gain	15dB(14dB~16dB)
Insertion Loss(Bypass mode)	2.0dB Typical
Return Loss, All Ports	18dB Min
Return Loss, All Ports(Bypass mode)	12dB Min
Noise Figure	2.0dB Max
Tx band rejection, relative to gain level	80dB Min
OIP3	25dBm Min
DC Supply Voltage	12V nominal
Input/Output Impedance	50 Ohm nominal

◆ ENVIRONMENTAL SPECIFICATIONS

ITEM	SPECIFICATION
Operating Temperature Range	-40°C to +70°C
Lightning Protection	IEC1312-1, 10/350us pulse, 50KA

MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATION	Note
Dimension	195.0 x 156.0 x 83.0 (Unit:mm)	Tolerance : $\pm 0.5\text{mm}$
Mounting Points	See Outline Drawing	
RF Connector	All Ports : N Female Connector	
Connector Position	See Outline Drawing	
Finish	Gray color epoxy coating Bracket : White Chromate	Waterproof IP65

OUTLINE DRAWING

