

## BITE Monitoring System

### Product Description

This Built-In-Test Equipment generates different signals to validate the performance of the remotely located receivers. It delivers +30dBm Power output for each frequency signal.

### Technical Specifications

<b>Transmitter</b>	
Frequency ranges	20 MHz – 100 MHz, (spot frequency: 80MHz) 100 MHz – 1300 MHz, (spot frequency: 250MHz) 1300 MHz – 3000 MHz (spot frequency: 1500MHz)
Output power	+ 30dBm min.
Rejection	40dBc @ 10% away from spot frequency.
VSWR	2.0:1 or better
Power supply	+9 V DC, 3A
Mechanical dimension (L x W x H) in mm	252 x 215 x 60
Connector	N-Female
Temperature	-20° C to +75° C (operating) & -40° C to +85° C (Storage)
System	IP 67 Compliance
<b>Antenna</b>	
	20 MHz – 100 MHz, (spot frequency: 80MHz) 100 MHz – 1300 MHz, (spot frequency: 250MHz) 1300 MHz – 3000 MHz (spot frequency: 1500MHz)
VSWR	2.0:1 or better
Gain	0 dBi min
Pattern	Omni
Power	5 W
Connector	N-Female
Mechanical dimension	390mm(80MHz); 295mm(250MHz); 185mm (1500MHz)
<b>Cable</b>	
	100ft.
Attenuation	6 dB/100 ft @2000 MHz
Weight	0.10 kg/m
Velocity of Propagation	85 %
Voltage withstand	2500 VDC
Temperature	-20° C to +75° C (operating) & -40° C to +85° C (Storage)
Peak power	16 KW
<b>Connector</b>	N-male

**PRODUCT PHOTO**

