



DUAL BAND REPEATER CSG RPTR GD 991800-15-65

Electricals Specification		Uplink	Downlink
Frequency Range	GSM	890 ~ 915 MHz	935 ~ 960 MHz
	DCS	1710 ~ 1785 MHz	1805 ~ 1880 MHz
Bandwidth	GSM	25 MHz	25 MHz
	DCS	75 MHz	75 MHz
Output Power	GSM	15±2 dBm	20±2 dBm
	DCS	15±2 dBm	20±2 dBm
Gain	GSM	65±2 dB	70±2 dB
	DCS	65±2 dB	70±2 dB
ATT(GSM) step of 1 dB	1~10 dB	≤1 dB	≤1 dB
	10~20 dB	≤1 dB	≤1 dB
	20~25 dB	≤1.5 dB	≤1.5 dB
ATT (DCS) step of 1 dB	1~10 dB	≤1 dB	≤1 dB
	10~20 dB	≤1 dB	≤1 dB
	20~25 dB	≤1.5 dB	≤1.5 dB
ALC Active 10 dB	GSM	≤2 dB	≤2 dB
	DCS	≤2 dB	≤2 dB
Ripple in Band	GSM	≤8 dB	≤8 dB
	DCS	≤10 dB	≤10 dB
Intermodulation Products	GSM	≤-36 dBm	≤-40 dBc
	DCS	≤-36 dBm	≤-40 dBc
Spurious	9KHz~1GHz	≤-36 dBm	≤-36 dBm

Electricals Specification		Uplink	Downlink
Emission	1GHz~12.75GHz	≤-30 dBm	≤-30 dBm
Noise Figure @ max. gain	GSM	≤8 dB	≤8 dB
	DCS	≤8 dB	≤8 dB
VSWR	GSM	≤2	≤2
	DCS	≤2	≤2
Time delay	GSM	≤1.5 μs	≤1.5 μs
	DCS	≤1.5 μs	≤1.5 μs
LED Indication	Power On	Green	
	Power Off	No Light	
Alarm (GSM)	ALC not Active	——	Green
	ALC Active 5-10dB	——	Orange
	ALC Active >15dB	——	Red
Alarm (DCS)	ALC not Active	——	Green
	ALC Active 5-10dB	——	Orange
	ALC Active >15dB	——	Red
Power Supply		DC : 12 V / 3 A	

Mechanical Specifications	
RF Connector	N-Female
Dimensions (HxWxD)	53 x130x250 mm
Weight	>2.5 Kg
Environment Conditions	IP40
Humidity	< 90%
Operating Temperature	-10°C ~ +55°C



WE ALSO UNDERTAKE DESIGNS PER YOUR REQUIREMENT