



TETRA REPEATER

CSG RPTR TETRA 9380-20-70

Electrical Specification			Uplink	Downlink
Frequency Range			385-390 MHz	395-400 MHz
Max. Gain			≥70 dB	
Bandwidth			5 MHz	
Manual Gain Control			31dB in step of 1dB	
Automatic Gain Control			> 20dB	
Ripple in Band			≤ 5dB（P-P）	
Max. Input Power Without Damage			0 dBm	
Output Power			≥ 15 dBm	≥ 20 dBm
Intermodulation Products	9KHz~1GHz		≤ -36 dBm	≤ -36 dBm
	1GHz~12.75GHz		≤ -30 dBm	≤ -30 dBm
Spurious Emission	9KHz~1GHz		≤ -36 dBm	≤ -36 dBm
	1GHz~12.75GHz		≤ -30 dBm	≤ -30 dBm
Noise Figure @ max. gain			8 dB	
VSWR			< 2.0 :1	
Time Delay			<1.5 μs	
MTBF			50000 hours	
Power Supply			AC: 90~265V, 50/ 60Hz; DC: 12V 3A	
Power Consumption			< 25 Watt	
Impedance			50 Ω	
Input Signal Level (LED iindication)	Normal		At the edge of green and orange	
	Low		Green	
	High		ALC=1-5dB range: Orange; ALC>20dB: Red	
Mechanical Specification				
RF Connector			N-Female	
Switch			Power Switch	
Cooling			Heat sink Convection cooling	
Dimensions（H x W x D）			53 x 130 x 250 mm	
Weight			< 2.5 Kg	
Installation Type			Wall Installation	
Environment Conditions			IP40	
Humidity			< 90%	
Operating Temperature			-10℃~55℃	

