

TRS REPEATER AMPLIFIER

MODEL:TRS-400M

Wireless Telecommunications.....

UHF BDA



FEATURE

Automatic Gain Control

Automatic Level Control

Easy to install and maintenance

Compact size

Waterproof IP65

Light weight

Low power consumption

In tunnel application

ITEM		SPECIFICATION
Frequency Range	Up Link	442-444 MHz
	Down Link	450-452 MHz
Bandwidth		Tx / Rx 6MHz
System Gain		≥85dB
Output power		
Down Link (2W)		>33dBm/1C
Up Link (1W)		>30dBm/1C
U/L,D/L Gain Adjustable Range		≥30dB by1dB Step
Guard Band rejection		>100dB
Automatic Gain control		≥20dB
IP3		≥46dBm
Spurious Emission		≤-36dBm(9kHz ~ 1GHz)
		-90dBc (>3GHz)
Intermodulation		≤-36dBm(9kHz ~ 1GHz)
Return Loss (VSWR)		≥16dB (1.5:1)
Flatness		+ -2dB
1dB compress point		≥34dBm
Noise Figure		≤5dB
Impedance		50Ω
Weight		≤15 Kg
I/O Connector		N-Type female connector
Operating Temperature		-25 ~ +60℃
Humidity		0 ~ 100%
SIZE		620*420*250
Power Supply		AC 110/220(V) 60Hz

ALWAYS TELECOM