

GPS LINE AMPLIFIER

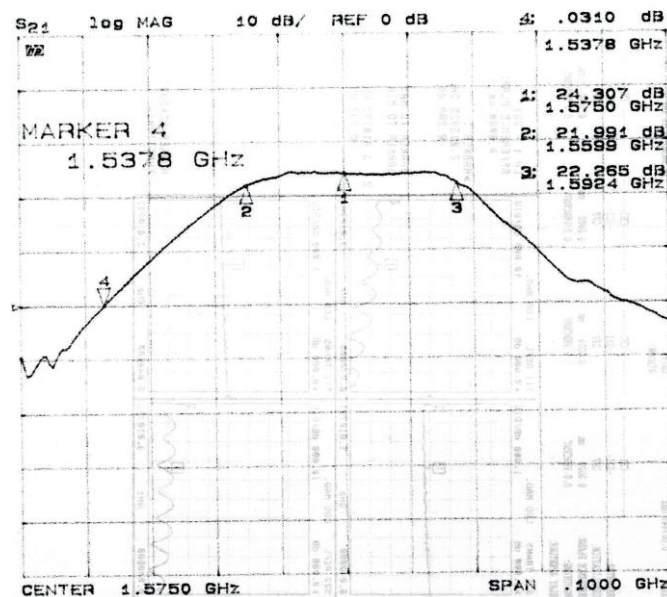
PN/ 11.02.143



HYTEM Low noise GPS Line Amplifier with band pass filter provides high gain (24dB typical) in cases where GPS and antennas are separated by large distances. Long cables runs require the use of low loss cable, heavy and costly cables. Our amplifier allows to increase distance from 60 meters to 180 meters between the GPS and a timing receiver. Two amplifiers may be chained to reach a distance up to 300 meters (HYLM400 cable)

The 11.02.143 GPS Line Amplifier is DC PASS powered by GPS through antenna coaxial cable which accepts power from 4.2VDC to 13VDC

Due to his exceptional dimensions (74mm L x 17.6mm x 20.8mm) our GPS line amplifier can be installed inside most of antenna pipe mount and integrated with cables in-line.



Our GPS Line amplifier is corrosion resistant (Stainless steel housing).

Specifications:

Gain :	24dB Min
Frequency Center:	1575MHz
Bandwith @ -3dB:	30MHz
Noise Figure:	2.5dB
Connector:	N Male
Nominal Power supply:	5VDC / 15mA
Reverse Isolation:	> 30dB

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