



Inline PHEMT Preamplifiers

RECEIVE PREAMPLIFIER

Telewave.io TGA Series Inline PHEMT Preamplifiers utilize PHEMT devices to amplify low-level RF signals by up to 18 dB. The primary application of these preamplifiers is to improve the noise figure of a receiver system. Preamps compensate for splitter insertion loss or losses from long coax cable runs, and increase signal levels to spectrum analyzers or other test equipment.

Each preamplifier is housed in a rugged, custom made, RF-tight aluminum enclosure. The DC input is reverse polarity protected, and equipped with a high-pass filter to eliminate RFI.

NOTE: These preamplifiers are for receiver use only. They are not designed to accept transmitter power levels.

PHEMT PREAMPLIFIERS

TGA series preamps operate with +9 to +18 VDC input. Gain is factory adjustable.

NOTES

*Unused splitter ports must be terminated with 50 ohm load such as TWL-01.

FEATURES

- Made in USA



RF SPECIFICATIONS

Frequency Range	132–960 MHz across the series	Gain	13–18 dB, factory adjustable
-----------------	-------------------------------	------	------------------------------

PHYSICAL SPECIFICATIONS

Mount	Inline	Supply Voltage	+9 to +18 VDC
-------	--------	----------------	---------------

