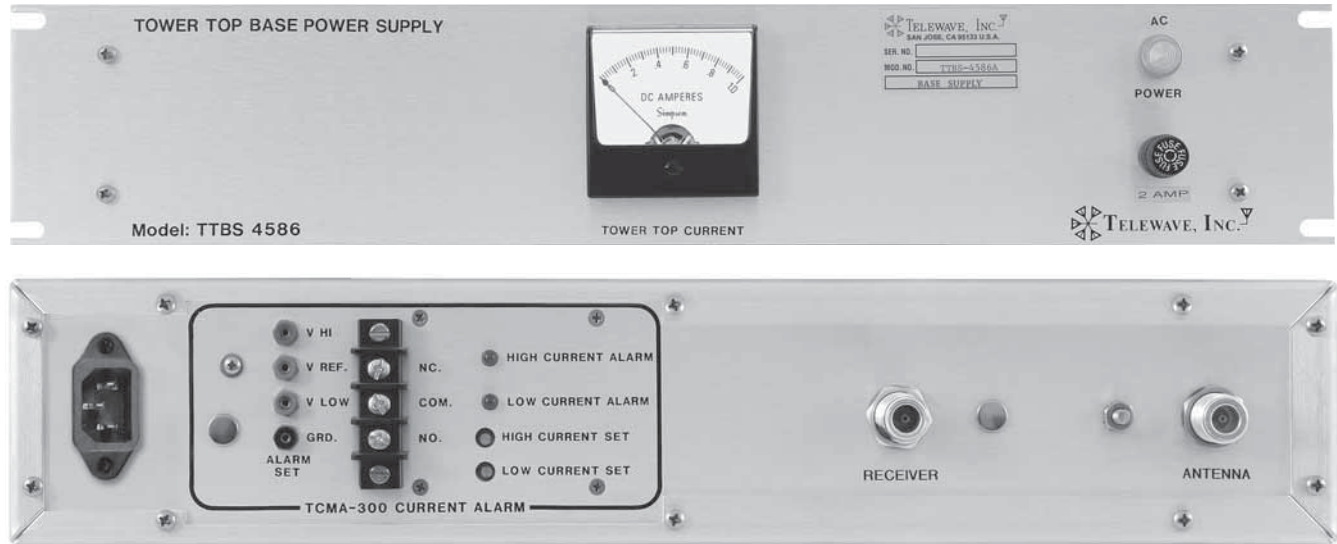


TTBS-4586

TOWER TOP BASE POWER SUPPLY



The Telewave TTBS-4586 Base Power Supply provides up to 1 amp of regulated DC power for any Telewave tower mounted preamp.

The TTBS-4586 is designed around a custom power supply, which supplies +15 VDC to the preamp via the coax cable. Voltage is coupled to the transmission line by a Polyphaser GX series impulse suppressor, which incorporates a DC power injector.

The Base Power Supply accepts AC or optional DC input, or both, depending on system requirements. A built-in DC-DC converter allows DC input up to 75 VDC. The panel requires a 3.5" x 19" rack space, and includes a 1 amp current meter.

The optional TCMA-300 current monitor and alarm panel provides adjustable high and low current trip points with form "C" contact closure and LED status alarm.

A front panel step attenuator is also available.

ELECTRICAL SPECIFICATIONS	
AC input voltage	100-240 VAC, 50-60 Hz / 0.4 A
DC output voltage (to tower unit)	+15 VDC / 1A
Stand by dc input voltage (opt)	+/- 9-18, 18-36, or 36-75 VDC
Input / output VSWR	<1.3:1
Lightning protection	Impulse suppressor, 20 kA
Temperature range	-40°C to +70°C
MECHANICAL SPECIFICATIONS	
Dimensions (HWD) in. (cm)	3.5 x 19 x 7.25 (8.9 x 48.3 x 18.4)
Weight lb. (kg)	4.7 (2.1)
RF Connectors	N-female
Finish	Grained aluminum, clear alodine
Optional front panel	Black paint