

Low Input Level Signal

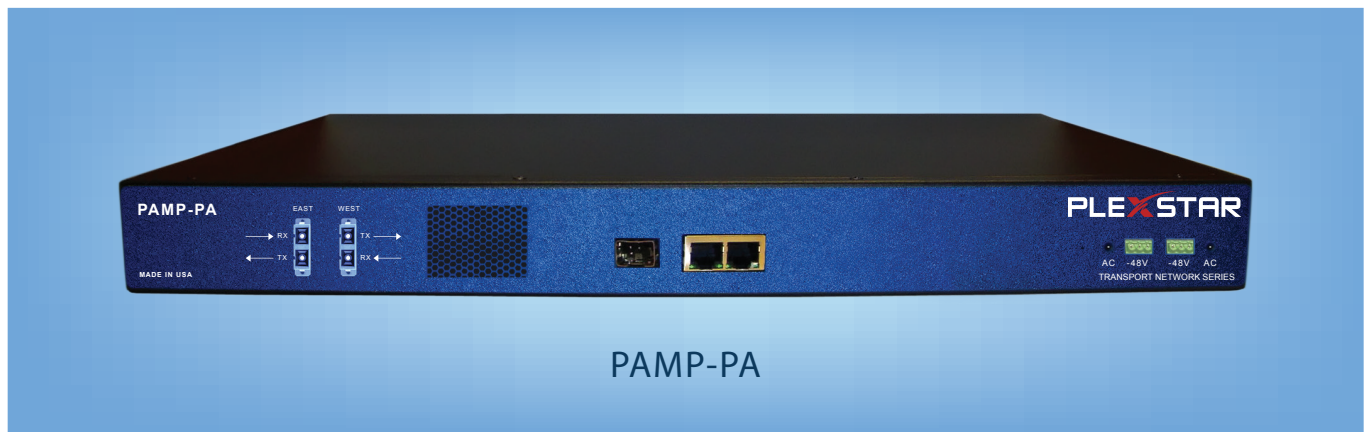
PAMP-PA

Product Description:

Plexstar® PAMP-PA-10, PAMP-PA-15, and PAMP-PA-30 are high-gain modules for pre-amplifying low input level signals that operate at the receiving end of an optical link. These are designed for optical amplification to compensate for losses in a de-multiplexer located near the optical receiver.

Application/Use:

- Amplification of optical power, gain up to 30dBm
- Amplifies entire C-Band 1528nm ~ 1561nm of all 40 lambdas of 10G traffic at repeating stations with 100GHz channel spacing



Features:

- Low Noise Figure: Typical 4.5dBm High Flatness
- Highly precise AGC and ATC circuits
- Adjustable gain via network
- Network management

Power:

- Input power: 110/220VAC or -48VDC
- Power consumption: 60 watts
- Dual power input

Physical Dimension:

- Size: 19" x 11" x 1U
- Weight: 5 lbs