



# Pico Macom PFT Optical Transmitters

## Description

The Pico Macom PFT Series of optical transmitters are available in nine output power levels allowing flexibility in numerous CATV applications. Each unit takes various combinations of input modulated RF signals and converts them to light for distribution to nodes. The transmitter supports transmission of NTSC and QAM RF signals over a single-mode optical fiber.



## Key Features

- Wide bandwidth, 54~860MHz, high-performance single-mode 1310nm optical fiber transmitter
- Supports analog and QAM digital applications
- Wide range laser options, from 6dBm to 14dBm (4mW to 26mW), for multiple broadband applications
- Optical power monitoring of input RF and laser status
- RS232 port
- Manual or automatic gain controls RF input level
- Automatic gain controlled input allows unit to maintain the same optical output with varying inputs without distortion
- Input voltage between 90-260Vac
- Unit can be used for NTSC and PAL systems
- Front panel RF test port -20dB
- Low power consumption
- 19" wide and rack mounted with a height of 1RU

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