



# TEKNO LINE®

Building Electronics and Mechanical Systems

*power of light*

# octopus

TPF 410-4



# Fiber optic transmitter



tekniksatsat®  
GROUP

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# Product Description

Teknoline TPF410-4 series is integrated 16pcs of SAT-IF +RF CWDM standard wavelength optical transmitters in 5 different modules which are collected in a case. by using CWDM multiplexer technology the TPF410 can transmit 16 IF + 1 Terr through just one fiber core which is more compact and more economical. Teknoline TPF410-4 series optical transmitter, all of them adopt high linear, no cooling DFB laser, direct modulation. Improved



laser APC control to guarantee laser's high living and high reliability operation. TPF410-4 series optical transmitter built-in high linear AGC amplifier to be easily operated and installed. TPF410-4 series optical transmitter built-in tilt level adjustment option for making inverse equalizer against high frequency losses through the coaxial cable.



## Product Feature

- Adopt CWDM standard wavelength, can transmit 16 way SAT-IF and a terr. signal through one fiber core.
- 5U Rack type standard casing, integrate 16pcs SAT-IF and 1 pcs digital Terr. optical transmitters
- Because of modular design its easy to replace the damaged parts without pausing the stream or shutdown the device.
- High linear, with isolation DFB laser, CWDM standard working wavelength.
- 100-870MHz(Digital Terr.) 950~2150MHz(Sat. IF) working bandwidth.
- TPF410-4 optical transmitter (standard configuration), built-in high linear AGC amplify.
- TPF410-4 optical transmitter (standard configuration), built-in tilt level adjustment.
- All the 16 satellite input is supplied +13VDC , +18VDC or 22Khz for LNB
- Electromagnetic resistance, RF, high thunderstorm static resistance.
- Easy installation and application.

