



OPTICAL AMPLIFIER 22DBM 1U MODELO FOA-22PDA

Function	Power supply	100~240Vac or -48Vdc with 2 redundant power supplies
	Output power	Users can adjust the output power in the range of 16dB to 22dB with ± 0.2 dB steppings
	Power consumption	50 W
	Work temperature	-5 ~ 65 °C
	Storage temperature	-40 ~ 80 °C
	Operating relative humidity	5 ~ 95%
	Interface	1 input and 1 output (SC-APC)
	SNMP network management interface	RJ45
	Communication interface	RS232
	Size	482,6(width) x 44,45(height) x 368,6(depth) mm

Weight (Kg/m)	5,57 Kg
---------------	---------

Optical Characteristics Equipment responsible for amplifying the optical signal from the video transmitter, by doing this it allows adequate power levels to enable signal transportation through different network topology. Has adjustable optical output up to 22dBm.

Parameters		Values			Complementary
		Min	Tip.	Max	
Input Wavelength	(nm)	1540		1564	CATV
Input Power	(dBm)	-10	+ 3	+10	
Maximum Power Output	(dBm)	22			
Each Port Power Output Difference	(dB)	-0.5		+0.5	
Power Output Adjustable Range	(dBm)	-6		0	
Output Port Quantity		1			
Noise Figure	(dB)			5.8	Pin=0dBm
Frequency response	(dB)		30		
Loss due to polarization	(dB)			0.3	
Gain due to polarization	(dB)			0.4	
Dispersion of polarization mode	(ps)			0.5	

Pumping Laser Power Loss	(dBm)			-30	
Return Loss	(dB)	55			

Warranty 12 months

Compatibility

- 35510036 - CATV VIDEO ONU 1 OUTPUT MODEL FRC-9122
- 35510037 - CATV VIDEO ONU 1 OUTPUT WITH WDM MODEL FRC-9122/WD
- 35510038 - CATV VIDEO ONU 1 OUTPUT MODEL FRC-9128
- 35510039 - CATV VIDEO ONU 1 OUTPUT WITH WDM MODEL FRC-9128/WD
- 35510040 - CATV VIDEO ONU 4 OUTPUTS MODEL FRC-9428
- 35510041 - CATV VIDEO ONU 4 OUTPUTS WITH WDM MODEL FRC-9428/WD
- 35510042 - CATV+IF-SAT VIDEO ONU MODEL FRS-26A
- 35510043 - CATV+IF-SAT VIDEO ONU MODEL FRS-26D
- 35510044 - CATV+IF-SAT VIDEO ONU WITH WDM MODEL FRS-26D/WD
- 35510045 - CATV+IF-SAT VIDEO ONU WITH WDM MODEL FRS-26A/WD
- 35510046 - OPTICAL TRANSMITTER 1550NM DIRECT MODULATION 15KM MODEL FTS-2615DDA (AC POWER SUPPLY)
- 35510171 - OPTICAL TRANSMITTER 1550NM 1U EXTERNAL MODULATION MODEL FTC-10270EDA
- 35510241 - OPTICAL TRANSMITTER 1550NM DIRECT MODULATION 15KM MODEL FTS-2615DDA (AC POWER SUPPLY) (EXPORT. MODEL)
- 35510253 - OPTICAL TRANSMITTER 1550NM DIRECT MODULATION 15KM MODEL FTS-2615D48 (DC POWER SUPPLY)

[Codification](#)