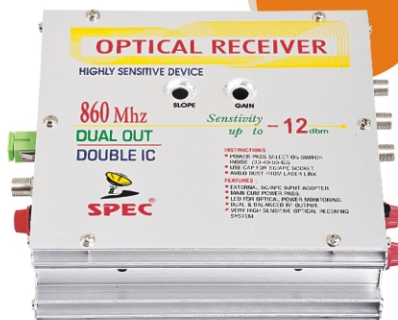


EXECUTIVE NODE



Spec Executive optical Node offerings high output and premium performance. It features high 1 GHz RF output level and wide optical Input range with excellent CNR/CSO/CTB distortion Characteristics. The unit has complete RF test points, slope and RF Control and built in 120-260 VAC Power supply.

EX-FAL



TDN-77D

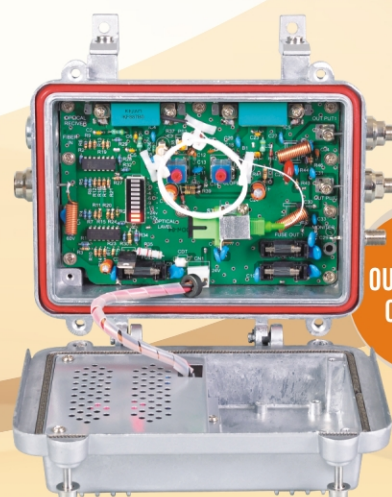


FEATURES

- Optical detector with low noise and high sensitivity is used in the part of optical receiving. GaAs RF power module is used for RF amplification gives noise free RF output to maintain high level signal upto 108 dbμv. Specific modules will be used according to user's requirement.
- Complete covering frequency range (40 to 862 Mhz) with very linear flatness is achieved with 20db gain control and 20db slope control.
- External two way switch is provided for selecting as a RF amplifier without adding noise at high output level.
- Perfect status monitoring circuit for input optical power [Digital & LED bar based] is incorporated with these model. It is suitable for front-end optical management to last-end optical management.

TECHNICAL PARAMETERS

ITEMS	UNITS	TECHNICAL PARAMETER	
		PROFESSIONAL	ECONOMY
		OPTICAL PARAMETER	
Received Optical Power Range	dBm	- 12 ~ + 2	
Recommended Range	dBm	- 4 ~ +1	
Optical Return Loss	dB	>45	
Optical Receiving wave length	nm	1100 ~ 1600	
Optical Fiber Connector Type		FC/APC, SC/APC (or specified by the user)	
		LINK PERFORMANCE	
C/N	dB	≥ 51	
C/CTB	dB	≥ 65	
C/CSO	dB	≥ 60	
		RF PARAMETER	
Nominal Output Level	dBμv	≥ 108	
Maximum Output Level	dBμv	≥ 112	
Output Return Loss	dB	≥ 16	
Frequency Range	MHz	45 ~ 870	
Flatness in Band	dB	± 0.75	
Output Impedance	Ω	75	
		COMMON CHARACTERISTICS	
Supply Voltage	V	A: AC 110 ~ 260, B: AC 35 ~ 90, C AC 180 ~ 270	
Operating Temperature	°C	- 30 ~ +70	
Storage Temperature	°C	- 30 ~ +70	
Relative Humidity	%	Max 95% No Condensation	
Power Consumption	VA	≤ 55	



OUTDOOR(S)
ODNS-55