

DUAL FIBER INPUT NODE



Spec two fiber input node can be used for two separate optical input device for backup based on plenty of experiences about CATV HFC network optical fiber transmission equipment. It is mainly used in long-distance optical fiber transmission of TV image signal, digital TV signal.

DI - 165 A



DI - 165A
GSM



FEATURES

- ✳ PHILIPS, PHOTON, SUNLAND optical detector with high sensitivity are used as the part of photo electric conversion.
- ✳ Very low noise module of Philips, Motorola is used at output stage for RF amplification.
- ✳ It provides very high quality of linear frequency response upto 870 MHz.
- ✳ There are plug-in equalizer, plug-in output splitter, digital optical input power meter for proper and accurate monitoring the signal.
- ✳ There are case aluminium, waterproof housing switching mode power supply with high reliability, strict anti-lightening system to ensure steadily work in the field.
- ✳ It provides very high range of gain control even optical power very from -8 to +2 dBm. Once output level is set there is no variation at all, even optical power changes rapidly.

TECHNICAL PARAMETERS

ITEMS	UNITS	TECHNICAL PARAMETER	
		PROFESSIONAL	ECONOMY
		OPTICAL PARAMETER	
Received Optical Power Range	dBm	- 12 ~ + 2	
Recommended Range	dBm	- 5 ~ +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	≥ 66	
C/CSO	dB	≥ 60	
		RF PARAMETER	
Nominal Output Level	dBμv	≥ 106	
Maximum Output Level	dBμv	≥ 114	
Output Return Loss	dB	≥ 14	
Frequency Range	MHz	45 ~ 862	
Flatness in Band	dB	± 0.75	
Output Impedance	Ω	75	
		COMMON CHARACTERISTICS	
Supply Voltage	V	A: AC 110 ~ 265, B: AC 35 ~ 90, C:190 ~ 270	
Operating Temperature	°C	- 40 ~ +60	
Storage Temperature	°C	- 40 ~ +65	
Relative Humidity	%	Max 95% No Condensation	
Power Consumption	VA	≤ 35	

MODELS

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