



FIBRE OPTICAL WDM

HEADEND

FIBRE OPTIC WDM 8 MODULE [TV PON COM] SC/APC

Product Code: DF/RSWDM8



This fibre optical WDM is specifically designed for use in medium to large fibre distribution networks. It is the perfect solution that enables overlaying SMATV [RF] onto a GPON / XGPON infrastructure. This unit provides long life stability and reliability in commercial environments.

FEATURES

- Module design, simple installation
- 19" rack mounting in a 1RU space
- Wide operating optical wavelength
- Low insertion loss
- Ultra flat wide passband
- High channel isolation
- Excellent stability and reliability
- Epoxy free on the optical path

Specifications

Optical Parameters	Operation Wavelength [COM Port]	1260 to 1650	nm
	Reflected Wavelength [PON Port]	1260 to 1530 and 1570 to 1650	nm
	Pass Through Wavelength [TV Port]	1550 ± 10	nm
	WDM Supports	EPON, GPON, XGPON	
	Directivity	≥ 50	dB
	Return Loss	≥ 45	dB
	Insertion Loss Reflected Wavelength [PON Port]	≤ 0.8	dB
	Insertion Loss Pass Through Wavelength [TV Port]	≤ 1.0	dB
	Insertion Loss Temperature Sensitivity	≤ 0.005	dB / °C
	Isolation Reflected Wavelength [PON Port]	≥ 15	
	Isolation Pass Through Wavelength [TV Port]	≥ 30	
	Pass Band Rippler	≤ 0.3	dB
	Polarisation Dependent Loss	≤ 0.1	dB
	Polarisation Mode Dispersion	≤ 0.1	ps
	Fibre Type	Single Mode, 9/125	
	Optical Connectors	SC/APC	
Other	Maximum Power Handling	300	mW
	Operating Temperature	- 20 to + 70	°C
	Storage Temperature	- 40 to + 85	°C
	Weight	1.75	Kg's
	Dimensions (H x W x D)	44 x 483 x 210	mm

Specifications are subject to change without notice

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