

NG-PON2 WDM

Description



NG-PON WDM based on thin-film-filter and micro-optics, this product features small form, Ultra low loss and high channel isolation. This technology is a lead-free packaging platform with high reliability.

Feature

- Mini size
- High reliability
- Low insertion loss
- Ultra-high thermal stability
- Epoxy-free in optical path
- RoHS compliant

Application

- CWDM system
- GPON system
- EPON system

Specification

Items		Unit	Parameter
Wavelength Range		nm	1260~1650
Pass band	G-PON	nm	≤1290~1300&1480~1500
	XGS-PON	nm	≥1260~1280&1575~1581
	NG-PON2	nm	≥1524~1544&1596~1603
	Video	nm	≥1550~1560
	OTDR Mon	nm	≥1625~1650
Fiber Type			Corning SMF-28 with 900mm loose tube
Insertion Loss	All port	dB	≤≤1.8
Isolation	Channel	dB	≥≥30
Polarization Dependent Loss		dB	≥≤0.15
Polarization Mode Dispersion		ps	≥≤0.1
Return Loss		dB	≥≥45
Directivity		dB	≤≥50
Maximum Power Handling		mw	≥≤500
Operating Temperature		°C	≥-5~70
Storage Temperature		°C	≥-40~85
Package Dimension		mm	≥L60*W16*H6

Note: All parameters have no connector. Add 0.3dB loss if need a connector.