

Base Part Number

XNPK-CWDM-40

Product Features

- Form Factor XNPK
- Speed 10.3Gbps
- Distance 40km
- Operating Temperature Commercial: 0°C to +70°C
- Connector Type Duplex SC
- Fiber Type SMF



Brand Compatibility

Applications

- 40km 10G CWDM Network

OEM Equivalent Part Number

Key Specifications

Part Type	Max Data Rate	Fiber Type	Transmitter	Output Power	Receiver Sensitivity	Power Supply	Power Dissipation	DDM
XNPK-CWDM-40	10.3Gbps	SMF	1470nm - 1610nm EML	-1 to 4dBm	-16.5dBm	3.3V	< 4W	Yes

* See page 2 for full CWDM ITU Channel list.

Compliance

XENPAK MSA, RoHS

Qualifications and Testing

- **Manufacturer:** OEM equivalent part; designed, tested, fabricated to supplier specifications following ISO certified processes. RoHS compliant & class 1 laser certified.
- **Supplier:** 100% compatibility tested in the listed brands.
- **Order:** All parts are tested for traffic functionality per supported layer 2/3 protocol, DOM/DDM threshold and calibration, EEPROM MSA value verification, serial number verification & optical cleanliness.

Warranty

- Lifetime replacement warranty

CWDM ITU Channel List

Channel Number	Wavelength	Color code
27	1270nm	
29	1290nm	
31	1310nm	
33	1330nm	
35	1350nm	
37	1370nm	
39	1390nm	
41	1410nm	
43	1430nm	
45	1450nm	

Channel Number	Wavelength	Color code
47	1470nm	violet
49	1490nm	grey
51	1510nm	blue
53	1530nm	green
55	1550nm	yellow
57	1570nm	orange
59	1590nm	red
61	1610nm	brown