

CEX Module

Features

- Low insertion loss, high isolation
- Excellent thermal stability
- Optical path epoxy free
- Telcordia compliant
- RoHS compliant

Applications

- GPON & XGSPON system
- GPON & XGSPON & NGPON2 system
- GPON & XGSPON & NGPON2 & Video system



Main Specifications

Parameter	Max	Min	Specification	Unit
Wavelength Range - GPON			1290 ~ 1330 & 1480 ~ 1500	nm
Wavelength Range - XGSPON			1260 ~ 1280 & 1575 ~ 1581	nm
Wavelength Range - NGPON2			1532 ~ 1540 & 1596 ~ 1603	nm
Wavelength Range - Video			1550 ~ 1560	nm
Insertion Loss COM -> GPON	√		1	dB
Insertion Loss COM -> XGSPON	√		1.2	dB
Insertion Loss COM -> NGPON2	√		1.5	dB
Insertion Loss COM -> Video	√		1.8	dB
Isolation COM -> GPON		√	30	dB
Isolation COM -> XGS-PON		√	30	dB
Isolation COM -> NG-PON2		√	30	dB
Isolation COM -> Video		√	30	dB
Return Loss		√	50	dB
Directivity		√	50	dB
Max Optical Operating Power	√		23	dBm
Operating Temperature Range			-5 ~ +50	°C
Storage Temperature Range			-40 ~ +85	°C

Notes:

1. All values reference the SC/APC connector.
2. Available in LGX and 19" rack mount package.



Order Information

- The above specifications represent the typical performance of an O-Net CEX Module of this category.
- Please contact our Sales to discuss your specific requirements.

