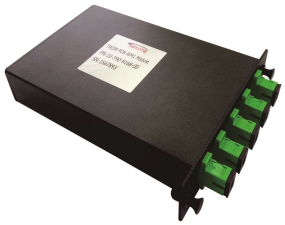
Coexistence(CEx) PON Module

Growing bandwidth demands are driving the upgrade of passive optical networks around the world. Where there is existing PON infrastructure, providers are extending the life of the existing PON network by upgrading or adding to the existing network PON infrastructure will require new optical components to leverage existing passive optical components Network and allow coexistence (CEx) of different generations of PON.

Auxora's Coexistence (CEx) module portfolio is integrated into the network near the Optical Line Terminal (OLT) so that existing PON services will coexist with XGS-PON, NG-PON2, RF Video, OTDR and other current and future technologies such as 25GS-PON, 50G PON, 100G PON, etc.



FEATURES

- Low insertion loss
- High isolation
- Optical path epoxy free
- Exceptional reliability and stability
- Telcordia GR-1221/1209-CORE compliant

APPLICATIONS

- PON system
- FTTH access networks
- Optical telecommunications networks

SPECIFICATIONS

Optical Specifications			
Parameters		Unit	Specifications
Wavelength Range	GPON	nm	1290 ~ 1330&1480 ~ 1500
	XGSPON	nm	1260 ~ 1280&1575 ~ 1581
	NGPON2	nm	1524 ~ 1544&1596 ~ 1603
	RF VIDEO	nm	1550~1560
	OTDR	nm	1615~1670
	25GS-PON	nm	1284~1288&1356~1360
	50G-PON	nm	1284~1288&1340~1344
Isolation	GPON Port	dB	≥30
	XGSPON Port	dB	≥30
	NGPON2 Port	dB	≥30
	RF VIDEO	dB	≥30
	OTDR	dB	≥30
	25GS-PON	dB	≥30
	50G-PON	dB	≥30
Directivity		dB	≥ 50
Return Loss		dB	≥50
Polarization Dependent Loss		dB	≤ 0.2
PMD		ps	≤ 0.2
Operating Temperature		℃	-5～75
Storage Temperature		℃	-40～85
Fiber Type		-	Corning SMF-28e or G.657.A
Package Dimension		mm	LGX or Customized

Ordering Information:

- The above is typical channel and performance information.
- If you have any needs, please contact our sales, we will provide professional solutions sales@auxora.com or saleschina@auxora.cn