

### ADD-CEX-GSCXSCNSC

1W LGX Coexistence Element w/GPON, XGSPON, and NGPON2. GPON, XGSPON, NGPON2 w/SC, COM w/ASC

#### Features

- GPON, XGSPON, NG-PON2 SC/UPC Adapter
- COM port APC/SC adapter
- 1W LGX



#### Product Description

This is a CEx Coexistence Element to combine XGS-PON, GPON, and NG-PON2 traffic on to a single fiber. The CEx is rack mounted into a 1W LGX slot, with SC/UPC adapters for PON ports and SC/APC for the COM port. All of our coexistence elements are 100% compliant and provide a cost effective solution for your network upgrade needs. With our certification test program, we guarantee your product will work correctly the first time.

#### Specifications

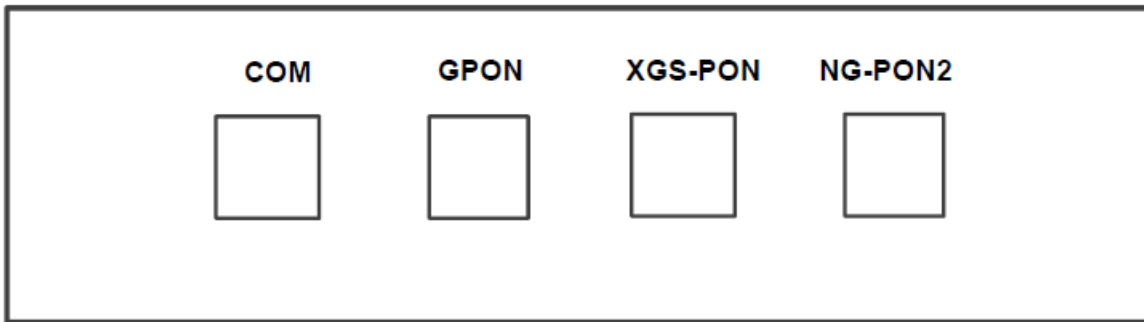
Parameters		Specification	Units
Wavelength Range	GPON Port	1290~1330&1480~1500	nm
	XGS-PON Port	1260~1280&1575~1581	nm
	NG-PON2 Port	1524~1544 & 1596~1603	nm
Insertion Loss		≤1.5	dB
Isolation	GPON Port	≥30	dB
	XGS-PON Port	≥30	dB
	NG-PON2 Port	≥30	dB
Polarization Dependent Loss		≤0.20	dB
Polarization Mode Dispersion		≤0.20	ps
Return Loss		≥ 45	dB
Directivity		≥50	dB

<b>Maximum Power Handling</b>		≤300	mW
<b>Operating Temperature</b>		-5 to 65	°C
<b>Storage Temperature</b>		-40 to 85	°C
<b>Fiber Type</b>		Corning G657A1 Fiber	
<b>Connector &amp; Adapter Type</b>	COM port	SC/APC	
	GPON & XGS-PON & NG-PON2 Ports	SC/UPC	
<b>Package Dimension</b>		1W LGX BOX	

**Note:**

1. All data is measured with connectors

**Faceplate Layout**



## **About AddOn Networks**

In 1999, AddOn Networks entered the market with a single product. Our founders fulfilled a severe shortage for compatible, cost-effective optical transceivers that compete at the same performance levels as leading OEM manufacturers. Adhering to the idea of redefining service and product quality not previously had in the fiber optic networking industry, AddOn invested resources in solution design, production, fulfillment, and global support.

Combining one of the most extensive and stringent testing processes in the industry, an exceptional free tech support center, and a consistent roll-out of innovative technologies, AddOn has continually set industry standards of quality and reliability throughout its history.

Reliability is the cornerstone of any optical fiber network and is engrained in AddOn's DNA. It has played a key role in nurturing the long-term relationships developed over the years with customers. AddOn remains committed to exceeding industry standards with certifications from ranging from NEBS Level 3 to ISO 9001:2005 with every new development while maintaining the signature reliability of its products.

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