

## 10G XG/NG PON WDM Module

### Features:

Low Insertion Loss & High Isolation  
High Stability and Reliability

### Application:

10G PON WDM network

### Specifications:

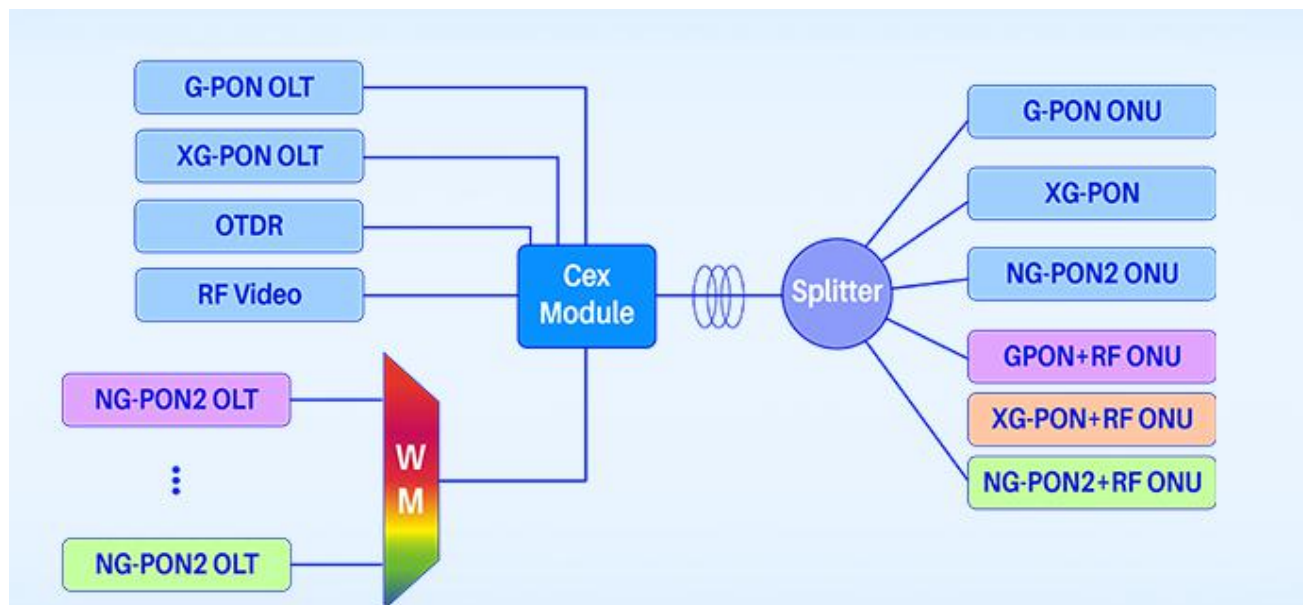
Parameter	Value	
Wavelength	1260-1675	
Pass bandwidth(nm)	RF (1550nm)	1550-1560
	OLT-GPON 1310/1490	1290-1330, 1480-1500
	OLT XGS-PON 1270/1577	1260-1280, 1575-1581
	OLT NG-PON2 1534/1600	1524-1544, 1596-1603
	OLT NG-PON1 1534/1625	<b>1524-1544,1596-1625nm</b>
	OTDR 1625,1675	1625-1675
Insertion Loss (dB)	RF	<0.6
	GPON	<0.9
	XGPON	<1.2
	NG-PON1 or PON2	<1.5
	OTDR	<0.9 or 1.8dB
Isolation (dB)	RF	>30
	GPON	>30
	XGPON	>30
	NG-PON1 or PON2	>30
Isolation (dB)	OTDR	>15 or 30dB
Channel Flattness(dB)	<0.3	
PDL (dB)	<0.2	
Directivity(dB)	>50	
Return loss	>40	
Power handling (mW)	<500	
Operating temperature(°C)	-10 ~ +70	
Storage temperature(°C)	-40~-85	
Dimensions (mm)	100x80x10	
Pigtail	0.9 Loose tube, G657A1	

\*Above specifications are for devices without the connectors.

\*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower

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### Ordering Information:

FWD M	Port	Wavelength	00000	Package Type	Pigtail Type	Length	Connector
	2=2ch 3=3ch 4=4ch 5=5ch	1=RF/GPON/XG PON 2=RF/GPON/XGPON/N GPON 1 3=RF/GPON/XGPON/N GPON 2 4=RF/GPON/XGPON/N GPON 1/OTDR 5=RF/GPON/XGPON/N GPON 2/OTDR		2=100* 80x10	2=900um loose tube	H=0.5m 8=0.8m 1=1.0m S=Specify	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC 6=LC/UPC 7=LC/APC S=Specify