

# NG4-VXLFG08AAN



NG4 Module, CEx 5, 8 circuits, LC/APC connectors

## Product Classification

Regional Availability	Asia   Australia/New Zealand   China   EMEA   India   Latin America   North America
Product Type	Coexistence Element (CEx)
Product Series	NG4

## General Specifications

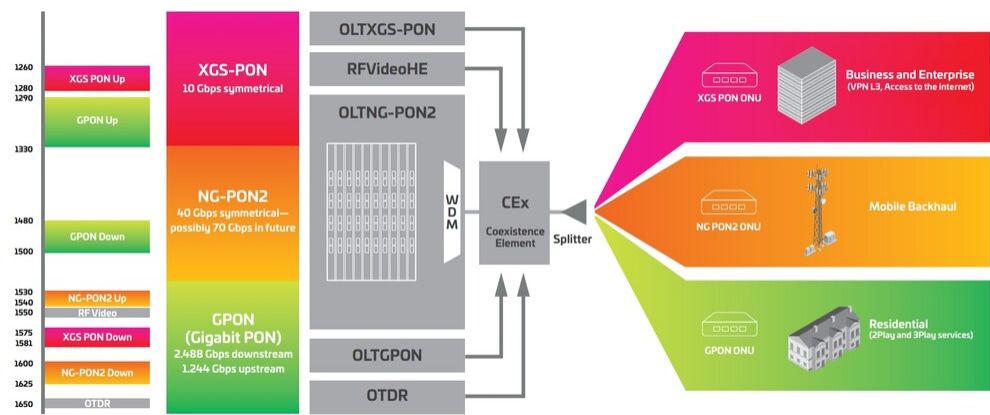
Circuits, quantity	8
Interface, Input	LC/APC
Interface, Output	LC/APC

## Port Configuration

Module Type	Networks/Services	Wavelengths (nm)
CEx 1	GPON/25G	1290 - 1500
	UPG	1260-1280 & 1525-1650
CEx 2	GPON/25G	1290 - 1500
	XGS-PON	1260 - 1280; 1575 - 1581
	UPG	1525-1560 & 1596-1650
CEx 3	GPON/25G	1290 - 1500
	RF	1550 - 1560
	UPG	1260-1280 & 1525-1540 & 1575-1650
CEx 4	GPON/25G	1290 - 1500
	XGS-PON	1260 - 1280 & 1575 - 1581
	NG-PON2	1524-1544 & 1596-1603
	UPG	1550-1560 & 1613-1650
CEx 5	PON (COMBI)	1260-1500nm & 1575-1581nm
	UPG	1525-1565nm & 1596-1650nm

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## Block Diagram



## Optical Specifications

Directivity, minimum	50 dB
Input Power, maximum	200 mW
Passband	PON (COMBI): 1260-1500 nm & 1575-1581 nm   UPG: 1525-1565 nm & 1596-1650 nm
Polarization Dependent Loss, maximum	0.3 dB
Polarization Mode Dispersion, maximum	0.5 ps
Insertion Loss, including connectors	COM to PON: ≤ 0.8 dB   COM to UPG: ≤ 0.6 dB
Isolation	COM to PON: ≥ 30 dB   COM to UPG: ≥ 15 dB
Return Loss, minimum	50 dB

## Environmental Specifications

Operating Temperature	-10 °C to +65 °C (+14 °F to +149 °F)
Relative Humidity	5%–95%, non-condensing

## Packaging and Weights

Packaging quantity	1
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## Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Above maximum concentration value
ROHS	Compliant/Exempted

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UK-ROHS

Compliant

