



Designation for XenOpt Pluggables

PN - Designation for Pluggables

n0 n1 n2 n3 n4 n5 - n6 n7 n8 n9 - n10 n11

n0 - Part Number origin

X - XenOpt

n1 - Module type

2 - X2 9 - 1x9 C - CFP D - CSFP E - XENPAK F - SFF

G - GBIC K - XPAK Q - QSFP/QSFP28 S - SFP T - SFP+/SFP28

V - Video SFP (detailed designation in separated document)

X - XFP

n2 - Optic type or copper type

B - BIDI

n3n4- Transceiver/Receiver wavelength

23 - TX: 1270nm, RX: 1330nm, 32 - TX: 1330nm, RX: 1270nm

34 - TX: 1310nm, RX: 1490nm, 43 - TX: 1490nm, RX: 1310nm

35 - TX: 1310nm, RX: 1550nm, 53 - TX: 1550nm, RX: 1310nm

3W - TX: 1310nm, RX: 1490nm-1550nm

45 - TX: 1490nm, RX: 1550nm, 54 - TX: 1550nm, RX: 1490nm

19 - TX: 1510nm, RX: 1590nm, 91 - TX: 1590nm, RX: 1510nm

C - CWDM

n3n4- wavelength

lower wavelength: 27-1270nm, 29-1290nm, 31-1310nm, 33-1330nm, 35-1350nm,
37-1370nm, 39-1390nm, 41-1410nm, 43-1430nm, 45-1450nm,

upper wavelength: 47-1470nm, 49-1490nm, 51-1510nm, 53-1530nm, 55-1550nm,
57-1570nm, 59-1590nm, 61-1610nm

start wavelength (QSFP/QSFP+):

27-1270nm, 29-1290nm, 31-1310nm, 33-1330nm, 35-1350nm

D - DWDM C-band

n3n4

17-61 - ITU grid channel C-Band (191.7 THz to 196.1 THz
with 100GHz spacing)

TC- Tunable C-Band

L - DWDM L-band

n3n4

62-99 and 00-16 - ITU grid channel L-Band (186.2 THz to 191.6 THz
with 100 GHz spacing)

TL- Tunable L-Band

M - Multimode (< 2km)

n3n4

85-850nm, 31-1310nm

P - Pon

n3n4

34- TX: 1310nm, RX: 1490nm

43- TX: 1490nm, RX: 1310nm

S - Singlemode (> 5km)

n3n4

31- 1310nm, 55- 1550nm

U - Copper

n3n4

OV - Video

OF - Fire Wire

EC - Eth. 100Mb

EF - Eth. 10/100Mb

EH - Eth. 100/1000Mb

EG - Eth. 1000Mb

NO TX disable function, NO Link indicator

E1 - Eth. 1000Mb

TX disable function, Link indicator

E2 - Eth. 1000Mb

TX disable function, NO Link indicator

EM - Eth. 10/100/1000Mb

NO TX disable function, NO Link indicator

EA - Eth. 10/100/1000Mb

TX disable function, Link indicator

EB - Eth. 10/100/1000Mb

TX disable function, NO Link indicator

ED - Eth. 10Gb

GG - G.fast

VM - VDSL2 master

VS - VDSL2 slave

VA - VDSL2/ADSL2

n5 - Data Rate

1 - 1 Gb Eth/1Gb FC

2 - 2 Gb FC/1Gb Eth

3 - 40 Gbps

4 - 4Gb FC/2Gb FC/1Gb FC

5 - 25 Gbps

6 - CPRI/OBSAI 6,25Gb

8 - 8GbFC/4GbFC/2GbFC

9 - 100 Gbps

A - 10Gb Eth/10Gb FC

B - 16Gb Eth/16 Gb FC

C - 100Mb Eth/155Mb OC3-STM1

D - 1Gb/10Gb (ESFP+ only)

F - FC 1Gb

G - 100Mb on G ports

H - FC 1/2Gb,

L - 155-1280Mb Multirate Protocol independent

M - 100-2700Mb Multirate Protocol independent

N - 100-3200Mb Multirate Protocol independent,

S - 625Mb OC12-STM4

T - 2,5Gb OC48-STM16, GPON

U - 10Gb OC192-STM64

O - 2,5 /10 Gbps asimetrice BIDI

X - 1,25/ 2,5 Gbps asimetrice BIDI

n6n7 - Distance or Power budget

M1 - 100 m

M2 - 200 m

M3 - 300 m

M5 - 500 m

O2 - 2 km

O5 - 5 km

10 - 10 km

15 - 15 km

20 - 20 km

30 - 30 km

40 - 40 km

50 - 50 km

60 - 60 km

70 - 70 km

80 - 80 km

A0 - 100 km

C0 – 120 km F0 – 150 km G0 – 160 km I0 – 180 km
 K0 – 200 km
 Pon (n2=P) - total dBm

n8 - Connector Type

opto: L - LC S - SC T - ST M - MU P - MPO
 Z - SMA
 copper: A - Fire Wire with "A" Connector
 B - Fire Wire with "B" Connector
 C - CX4 H - HSSDC I - HSSDC2 R - RJ45
 video: N - BNC

n9 - Digital diagnostics & Temperature range

N - without DDMI Y - with DDMI 0 °C - +70 °C (Standard)
 D - without DDMI E - with DDMI -20 °C - +85 °C (Extended)
 L - without DDMI M - with DDMI -40 °C - +85 °C (Military)

n10 - Reserved

n11 - Reserved

n12 - Reserved

To find out more, please contact
XenOpt or one of our partners