



XenOpt Passive Modules Designation

PN – Passive Modules Designation

n0 n1 n2 n3 – n4 n5 n6 n7 n8 n9 – n10 n11 n12

n0 - Part Number origin

X - XenOpt

n1 - Group name

M - passive modules: mux, oadm etc.

n2n3 - Number of ports

n4 - Module type

A - OADM single fiber, type A

B - OADM single fiber, type B

E - OADM dual fiber, AWG

F - OADM single fiber, dual common port, type A

G - OADM single fiber, dual common port, type B

M - MUX single fiber, type A

N - MUX single fiber, type B

P - MUX dual fiber, AWG

Q - MUX dual fiber, Test channel & Monitoring port

R - MUX dual fiber, type B * not in use

n5 - WDM type

C - CWDM

n6n7- start wavelength

27-1270nm, 29-1290nm, 31-1310nm, 33-1330nm, 35-1350nm, 37-1370nm,
39-1390nm, 41-1410nm, 43-1430nm, 45-1450nm, 47-1470nm, 49-1490nm,
51-1510nm, 53-1530nm, 55-1550nm, 57-1570nm, 59-1590nm, 61-1610nm

If the channels are not consecutive, n6/n7 are formed in the sequence:

A0, A1, A2, ... All special cases are contained in this designation.

The same applies to the lower n5 - D, F, L, H.

D - DWDM C-band

n6n7- start wavelength

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

F - FWDM (filtered WDM)

n6n7- tbd

L - DWDM L-band
n6n7- start wavelength
62-99 and 00-16 - ITU grid channel L-Band (186.2 THz to 191.6 THz with 100 GHz spacing)

H - Hibrid (CWDM/FWDM/DWDM), FWDM fixed at 1310 W
n6n7- start wavelength

E - CWDM with excluded band 1530/1550/1570 for DWDM filtering
n6n7- start wavelength

G - CWDM with excluded band 1530/1550/1570 for DWDM filtering, fixed FWDM 1310W
n6n7- start wavelength

P – PON
n6n7- PON Type
NG - GPON, XG-PON and NG-PON
N8 - GPON, XG-PON and NG-PON integrated with 8CH DWDM Mux

n8 - Connector Type
A - LC/APC L – LC S - SC

n9 - Package & Temperature range
2 - LGX Box, commercial temperature range, 2U
9 - 19" Box, commercial temperature range
D - 19" Box, commercial temperature range, 2U
E - 6500 Box, 1H
F - 6500 Box, 2H
L - LGX Box, commercial temperature range
M - LGX Box, industrial temperature range
P - Small package, commercial temperature range
R - Small package, industrial temperature range
G - Glass tube, commercial temperature range

n10 - Reserved

n11 - Reserved

n12 - Reserved

To find out more, please contact:

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