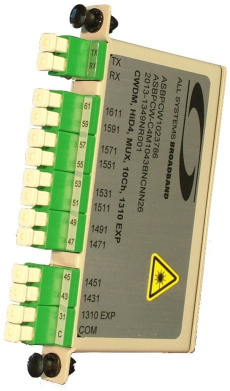
Amphenol Broadband Solutions

CWDM HiD4 Cassette

Amphenol Broadband Solutions has created an industry leading high-density, miniature shelf mount cassette for CWDM MUX and DEMUX applications.

The miniature HiD4 footprint provides full functionality with up to 14 front facing LC/APC or LC/UPC ports and its mounting is compatible with LGX® shelves. At approximately 3" deep, and half the width of a single LGX cassette, this package provides significantly improved port density when compared with conventional LGX cassettes.

The cassette's unique housing design and increased port count available on the front faceplate of the device allows for port groupings by function, such as; commons, express and upgrades, wavelength channels and test/ monitoring ports providing added versatility for the network architecture.



CWDM HiD4 CASSETTE

Features:

- Industry leading miniature packaging
- LGX mounting compatible
- Up to 14 LC ports on the faceplate enables design and configuration versatility
- Front and side facing labels improve port identification
- Port layout designed to optimize patch cord management
- High channel isolation
- Low insertion loss
- Rugged metal housing
- Wideband 1310nm express port
- DWDM upgrade port available
- Optional test ports

Specifications	
Center Wavelength Range	1260 to 1635nm
Wavelength Spacing	ITU-T, 20nm
Channel Passband	ITU-T, ± 6.5nm
CWDM Channels	1431, 1451, 1471, 1491, 1511, 1531, 1551, 1571, 1591, 1611
Cassette Ports	14, LC/APC or LC/UPC
Mounting / Footprint	LGX Compatible / Half Width
Storage Temp	-40 to +85° C
Operating Temp	-20 to +65° C
Package Size	4.2"H x 0.6"W x 3.0"D

Configuration Generator:

ASBPCW-C4 [A] [BB] [CC] [D] [E] [F] NN [GG]

A. Mulltiplexer or Demultiplexer

M = MUX
D = DEMUX
1 = Double MUX
2 = Double DEMUX

BB. Number Channels

01 = One Channel (add/drop)
: :
13 = Thirteen Channels

CC. Starting Channel (20nm spacing)

27 = 1271
: : } See "Available Center Wavelengths" Table
61 = 1611

D. Test Ports

N = None
T = Transmit (TX)
R = Receive (RX)
B = Bi-Directional (Both TX & RX ports)
1 = Bi-Directional (Single port for TX/RX)

Note: Standard tap ratio for test ports is 95:5.
Other ratios may be available upon request.

E. Upgrade Port

N = None
U = Upgrade port included

F. Express Port

N = None
W = 1310nm; (1260 – 1360nm) wideband port

Note: Other bands may be available upon request.

GG. Connector Type

21 = LC/UPC
26 = LC/APC

Available Center Wavelengths:

Code	λ	Code	λ	Code	λ
27	1271	39	1391	51	1511
29	1291	41	1411	53	1531
31	1311	43	1431	55	1551
33	1331	45	1451	57	1571
35	1351	47	1471	59	1591
37	1371	49	1491	61	1611