Amphenol Broadband Solutions

Amphenol Broadband Solutions has redefined the industry standard for compact splice tray mounted passive multi-component modules.

HiDT modules are designed to integrate directly onto the ABS Universal Splice / Component Tray (UST) with no intermediate mounting fixtures. The HiDT housing allows for up to 14 fiber ports, all exiting one end of the package.

The innovative design of the HiDT housing offers improved port count and component capability creating design advantages for optical networks, while the small overall footprint allows for installation of two modules on a single splice tray, improving density in field deployment applications.

CWDM HiDT Module

Features:

- Industry leading miniature packaging enables two modules to mount to a single ABS Universal Splice/Component Tray
- Up to 14 fiber ports enables design and configuration versatility
- Color coded fibers and wavelength labels on each fiber provide easy identification
- Low insertion loss
- Adapters are available to mount HiDT modules in other common industry enclosures as well

Specifications	
Center Wavelength Range	1271 to 1611nm
Wavelength Spacing	ITU-T, 20nm
Channel Passband	ITU-T, ± 6.5nm
Adjacent Channel Isolation	≥ 30dB
Non-Adjacent Channel	≥ 45dB
Power Handling	300mW
Fiber Port	14
Fiber Type	900 or 250um
Fiber Length	3 meters standard
Fiber Identification	Color & Wavelength ID Labels
Operating / Storage Temp	-40 to +85° C
Module Size (approximate)	3.0"L x 1.7"W x 0.4"H

Configuration Generator:

ASBPCW-T1 | A | BB | CC | D | E | F | GG | H | I I

A. Multiplexer or Demultiplexer
M = MUX
D = DEMUX
1 = Double MUX
2 = Double DEMUX

BB. Number of Channels
0 1 = One Channel (add/drop)
: :
1 0 = Ten Channels

CC. Starting Channel (20nm spacing)
2 7 = 1271
: : See "Available Center
6 1 = 1611 Wavelengths" Table

D. Test Ports
N = None
(Contact sales for test port options)

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.

G. Fiber Size
9 = 900um color coded semi-tight buffer with wavelength ID labels
2 = 250um color-coded w/wavelength ID labels

H. Fiber Size
3 = 3 meters (standard)
Note: Other fiber lengths may be available upon request.

I I. Connector Type
N N = No Connectors
S 2 = SC/UPC
S 7 = SC/APC
2 1 = LC/UPC
2 6 = LC/APC
Note: Connectors are optional for 900um fibers.
Connectors are not available on 250um fibers.

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