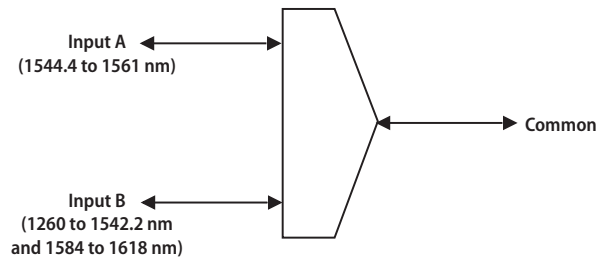
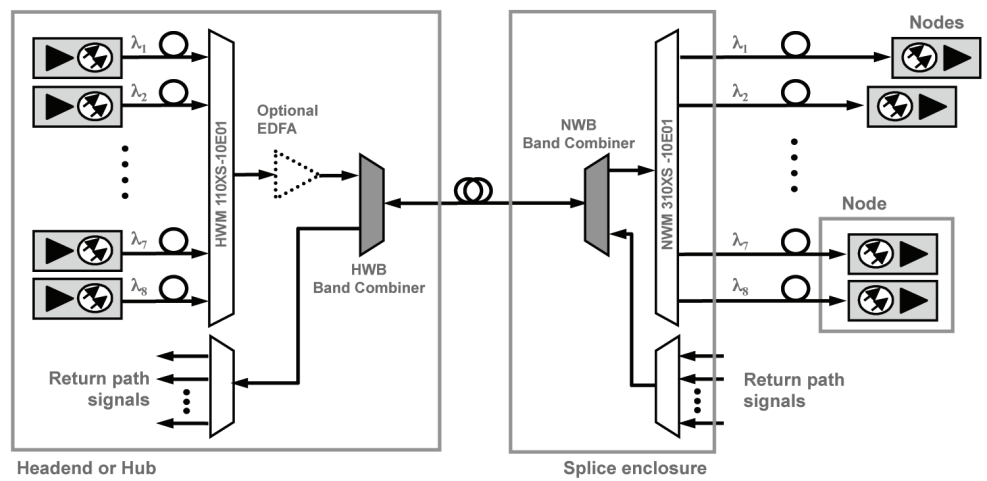


The SUPRALink band combiners are designed to operate with the SUPRALink family of transmitters, amplifiers, multiplexers, and demultiplexers to transport both forward and return wavelengths over a single fiber.



Device Configuration

The HWB 1102S module is designed to fit into the HLP 1000 platform (4 RU high, 12 single-width LGX modules). The NWB 3102S module is designed to be mounted in a node or a splice enclosure.



Typical Application

TECHNICAL SPECIFICATIONS

Wavelength Band Input A	1544.4 to 1561 nm
Wavelength Band Input B	1260 to 1542.2 and 1584 to 1618 nm
Insertion Loss (Max Input A to Common Output) ¹	≤ 1.2 dB
Insertion Loss (Max Input B to Common Output) ¹	≤ 1.2 dB
Isolation (Common to Input B)	≥ 15 dB
Isolation (Common to Input A)	≥ 15 dB
PDL	≤ 0.1 dB
PMD	≤ 0.15 ps
Return Loss	≥ 48 dB
Power Handling	300 mW
Connector Type	SC/APC, FC/APC, E2000

Notes:

1. Insertion loss specification includes connectors

ENVIRONMENTAL

HWB 1102S	
Operating Temperature Range	-20° to +65° C -4° to +149° F
NWB 3102	
Operating Temperature Range	-40° to +85° C -40° to +185° F
Storage Temperature Range	-40° to +85° C -40° to +185° F
Relative Humidity	Max 85%, non-condensing

PHYSICAL DIMENSIONS

The HWB 1102S module plugs into the HLP 100X platform

1x2	1 slot in the HLP 1000 or HLP 1001
Single Slot Dimension (D x W x H)	3.88 in x 1.03 in x 3.95 in 9.86 cm x 2.62 cm x 10.0 cm

The NWB 3102S mounts in a node or splice enclosure

1x2	3.15 in x 2.36 in x .315 in 80 mm x 60 mm x 8 mm
Fiber Jackets	2 mm diameter