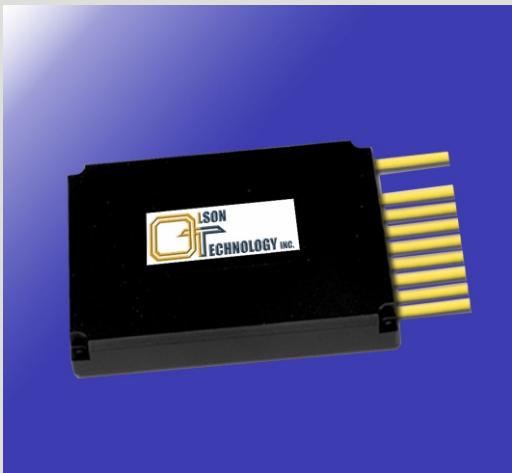


Model OT-WBSC-A-1 Single Window SM Flattened Star and Tree Fiber Coupler

Features / Benefits



APPLICATIONS

- Fiber to the Home (FTTH)
- Local Loop
- Passive Optical Networks (PON)
- Fiber Optic CATV
- Fiber Communications System
- Fiber Optic Test Equipment
- Fiber Optic Sensing
- Local Area Networks (LAN)

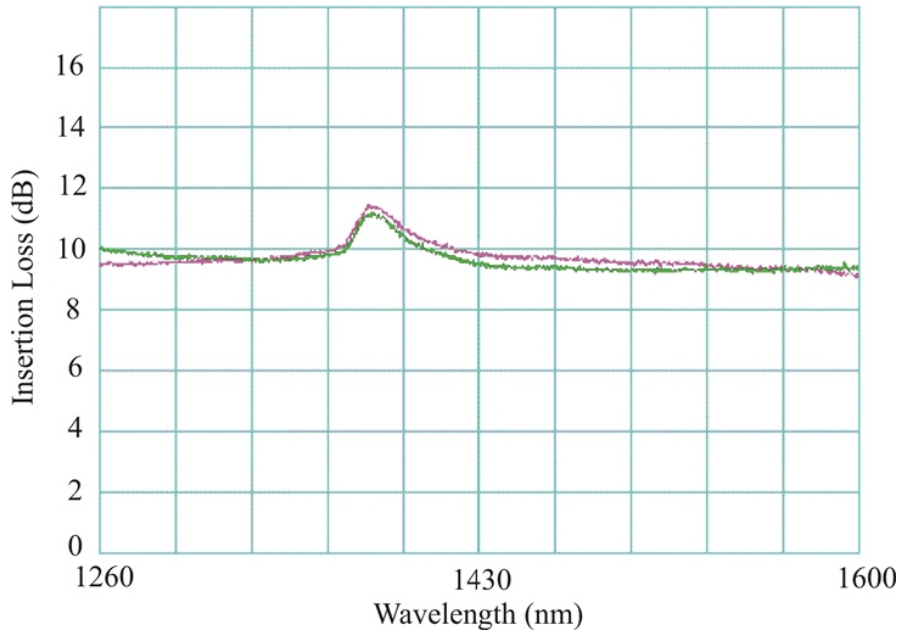
FEATURES

- All Fiber Construction
- High Reliability
- Outstanding Optical Performance
- Multiple Fiber Types Available

Operating Specifications

Parameter Configuration	Units	Specification			
		1 x 4	1 x 8	1 x 16	1 x 32
Center Wavelength (λ_c)	nm	1310 or 1550			
Bandwidth	nm	±40			
Typ. Insertion Loss	dB	6.3	9.5	12.6	15.8
Max. Insertion Loss	dB	6.9	10.4	13.8	17.3
Max. PDL	dB	6.9	10.4	13.8	17.3
Min. Directivity	dB	50			
Max. Uniformity	dB	1.2	1.8	2.4	3.0
Max. Flatness	dB	0.6	0.9	1.2	1.5
Max. Temp. Coefficient	dB/°C	0.004	0.006	0.008	0.010
Operating Temperature	°C	-20 to +75			
Storage Temperature	°C	-40 to +85			
Package Dimensions	mm	O: 100 x 80 x 9 P: 136 x 100 x 12 T: 19", 1RU Rack			

Wavelength Dependence of Insertion Loss (1×8 Dual Window Wideband Coupler)



Ordering Information

OT—WBSC—A—1— —1315—9— — — —

Output Port Number
n = 4, 8, 16, or 32

Package (mm)
O = 100 x 80 x 9
P = 136 x 100 x 12
T = 19", 1RU rack
Z = Olson OTCP Housing

Pigtail
1 = 0.9 mm Tight Buffer
3 = 3 mm Cable

Pigtail Length
05 - 99 = 0.5 - 9.9 Meters
X = Others

Connector
FA = FC/APC
SA = SC/APC