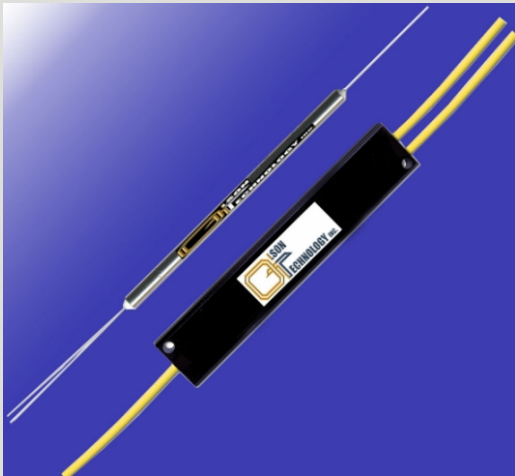


Model OT-WFSC-YS-A Monolithic Wavelength Flattened SM Coupler (1 x 3)

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)

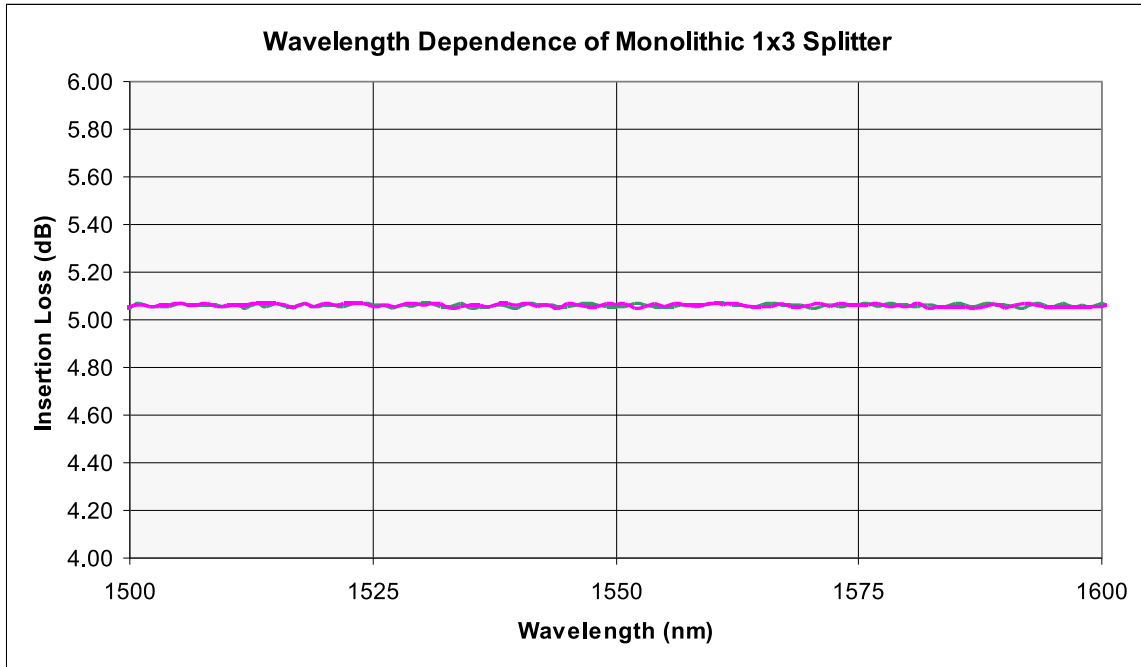
FEATURES

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

Operating Specifications

Parameter	Units	Specification
Center Wavelength (λ_c)	nm	1310 or 1550
Bandwidth	nm	± 40
Coupling Ratio	%	10/45/45 to 98/1/1
Typ. Excess Loss	dB	0.15
Max. Polarization Dependent Loss*	dB	0.21
Min. Directivity	dB	50
Max. Uniformity*	dB	0.90
Typ. Flatness*	dB	0.4/0.2/0.2
Max. Temp. Coefficient	dB/°C	0.003
Operating Temperature	°C	-40 to +85
Storage Temperature	°C	-40 to +85
Package Dimensions	mm	C: $\varnothing 3.0 \times 54$ (250 μm Fiber) M: 100 x 19 x 9

*For 33/33/33 Coupler



Ordering Information

OT — WFSC — Y3 — A — — — 9 — C — 0 — —

- Coupling Ratio:
33 - 98 = 33%/33%/33% to
98%/1%/1%
- Wavelength
13 = 1310 nm
15 = 1550 nm
- Package (mm)
C = \varnothing 3.0 x 54
M = 100 x 19 x 9
- Pigtail
0 = 250 μ m Fiber
- Pigtail Length
05 -20 = 0.5 - 2.0 Meters
- Connector
FA = FC/APC
SA = SC/APC