24926 Highway 108
Sierra Village, CA 95346
Phone: (800) 545-1022
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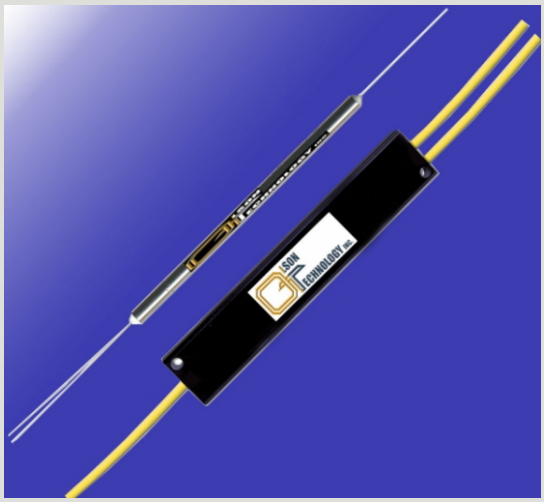
E-Mail: sales @olsontech.com

Model OT-WBSC-YS-A Monolithic Dual Window 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)

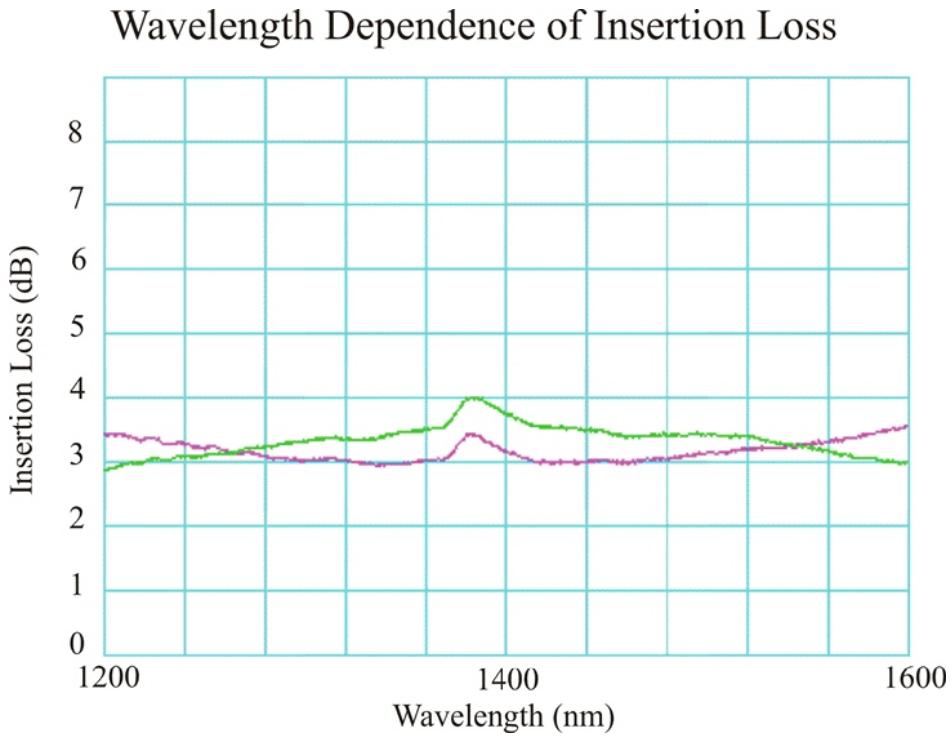
FEATURES

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

Operating Specifications

Parameter	Units	Specification
Center Wavelength ($_c$)	nm	1310 or 1550
Bandwidth	nm	±40
Coupling Ratio	%	10/45/45 to 98/1/1
Typ. Excess Loss	dB	0.20
Max. Polarization Dependent Loss*	dB	0.20
Min. Directivity	dB	50
Max. Uniformity*	dB	1.00
Typ. Flatness*	dB	0.5/0.3/0.3
Max. Temp. Coefficient	dB/°C	0.003
Operating Temperature	°C	-40 to +85
Storage Temperature	°C	-40 to +85
Package Dimensions	mm	C: ø3.0 x 54 (250 µm Fiber) M: 100 x 19 x 9

*For 33/33/33 Coupler



Ordering Information

OT — WBSC — 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 = ø3.0 x 54
  M = 100 x 19 x 9
  Z = Olson OTCP Housing
- Pigtail
  0 = 250 µm Fiber
- Pigtail Length
  05 -20 = 0.5 - 2.0 Meters
- Connector
  FA = FC/APC
  SA = SC/APC