

Singlemode WDM Filter Unit

Features

- Environmentally stable
- Wide band pass
- Low insert loss
- Low loss and Low cross-talk
- Low Polarization dependent loss
- Optical path epoxy free

Applications

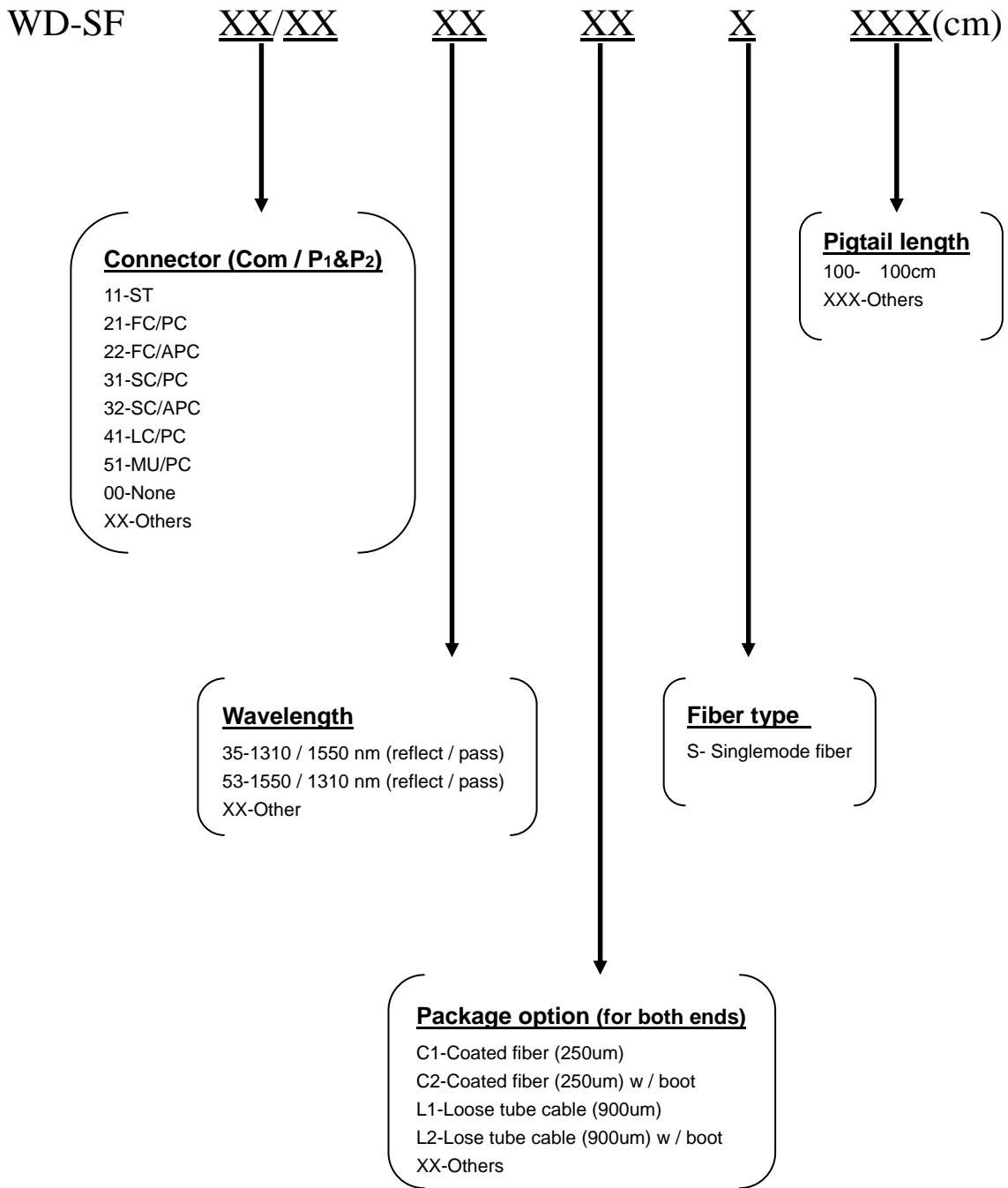
- Telecommunications
- Local area network
- Fiber optic sensors
- Test instruments
- RFTS & CATV & FTTH



Specifications

ITEM		VALUES
Operation Wavelength (nm)		1270~1350 & 1510~1590 or Customer Specify
Insertion Loss, dB	Typical	0.5
	Max	0.7
Pass band Ripple, dB		≤ 0.3
Isolation, dB		≥ 15(reflect channel) ≥ 40(pass channel)
Optical Return Loss		≥ 45
Directivity, dB		≥ 50
Thermal Stability, dB / °C		≤ 0.005
Polarization Dependent Loss, dB		≤ 0.05
Polarization Mode Dispersion, ps		≤ 0.1
Max. Optical Power, mW		300
Max. Tensile Load, N		5
Storage Temperature, °C		-40°C ~ 85°C
Operation Temperature, °C		0°C ~ 65°C
Package Size, mm		φ 5.5 x 34 mm for coated fiber (250 μm) φ 5.5 x 39 mm for loose tube cable (900 μm)

Singlemode WDM Filter Unit Ordering information



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