

Singlemode Wavelength Division Multiplexers (980/1550) (GK-WDM Series)

● Description

The Singlemode Wavelength Division Multiplexers combine or separate light at different wavelengths. They offer very low insertion loss, low polarization dependence, high isolation and excellent environmental stability. These components have been extensively used in EDFA, CATV, WDM networks and fiber optics instrumentation.

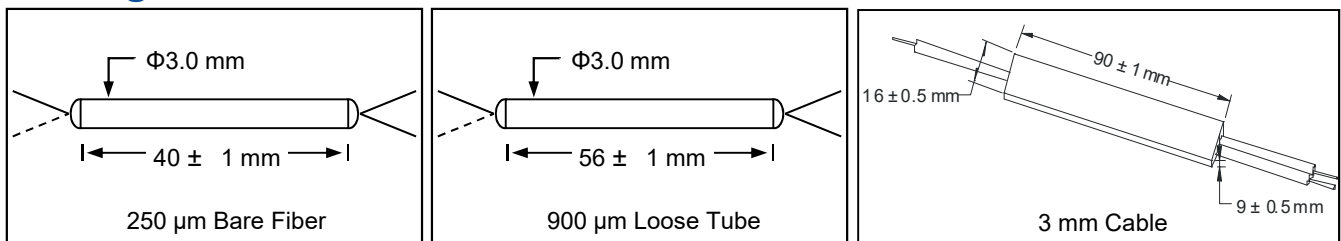
● Specifications

Parameter	Unit	Value
Center Wavelength (λ_c)	nm	980/1550
Operating Wavelength	nm	$\lambda_c \pm 15$
Min. Isolation	dB	20
Max. Insertion Loss	dB	0.15
Max. Polarization Dependent Loss	dB	0.1
Thermal Stability	dB/°C	≤ 0.002
Min. Return Loss	dB	60
Min. Directivity	dB	60
Max. Optical Power (Continuous Wave)	mW	300
Operating Temperature	°C	-40 to +75
Storage Temperature	°C	-40 to +85

¹IL is 0.5 dB higher, RL is 5 dB lower for each connector added.

²Test at central wavelength only.

● Package Dimensions



● Ordering Information

GK-WDM-①-②-③-④-⑤-⑥

①: Configuration

1 - 1 × 2

2 - 2 × 2

②: Wavelength

9855 - 980 & 1550 nm

③: Connector Type

1 - FC/UPC 4 - SC/APC

2 - FC/APC N - None

3 - SC/UPC S - Specify

④: Fiber Jacket

B - 250 μm Bare Fiber

L - 900 μm Loose Tube

3 - 3 mm Cable

S - Specify

⑤: Fiber Length

1 - 1.0 m

S - Specify

⑥: Fiber Option

F - HI 1060 Flex fiber

O - OFS 980 Fiber