

## Fused Single Mode Fiber WDM



Fuse single mode fiber WDMs  $\lambda$  980/1550nm;  $\lambda$  980/1590 nm;  $\lambda$  1310/1550 nm;  $\lambda$  1480/1550 nm are produced by fused biconical taper process with excellent performance.

The products meet the Telcordia GR-1221-CORE.

### Features

Low Insertion loss

H High isolation

### Applications

CATV system

H DWDM system

H EDFA systems

H Optical instruments

### Specifications

Parameter	Unit	Value			
Wavelength	nm	980/1550	980/1590	1310/1550	1480/1550
Passband Width	nm	$\pm 15$	$\pm 15$	$\pm 10$	$\pm 5$
Isolation	dB	17	17	20	18
Insertion Loss	dB	0.3	0.3	0.3	0.3
Directivity	dB	60	60	60	60
PDL	dB	0.1	0.1	0.1	0.1
TDL	dB	0.1	0.1	0.1	0.1
Operation Temperature	$^{\circ}\text{C}$	-10~+70			
Storage Temperature	$^{\circ}\text{C}$	-40~+85			
Dimension	mm	$\Phi 3 \times 52$			

### Ordering Information

WDM - N				
12 1x2	095 :980/1550nm	025: $\Phi 250\mu\text{m}$ bare fiber	1 : 1m	00:No Connectors
LR Low reflection	099:980/1590nm	09: $\Phi 900\mu\text{m}$ fiber	customer specifies	FC/PC, FC/APC
	135:1310/1550nm	30: $\Phi 3\text{mm}$ optical cable		SC/PC, SC/APC
	145:1480/1550nm			LC/PC, MU/PC
Ports Type	Wavelength	Cable Dia.	Fiber Length	Connector