

PANDA Fiber

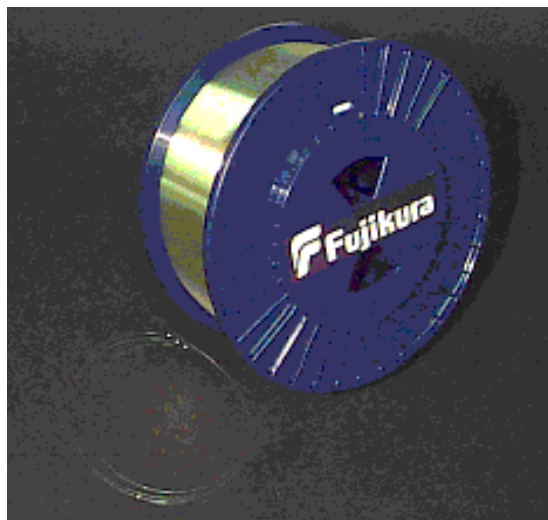
Polarization maintaining and Absorption reducing Fiber

Features

- ◇ Low Loss
- ◇ Low Polarization Crosstalk

Application

- ◇ Pigtail for LD and Modulator and any polarization dependent devices
- ◇ 0.98 μ m and 1.48 μ m Pump LD stabilizer
- ◇ PMD Compensator for High speed system more than 10Gbit/s
- ◇ Erbium-Doped PANDA Fiber for Polarization Maintaining amplifier
- ◇ Dispersion Compensating PANDA for High speed system



PANDA Fiber Type	$\lambda_0^{(1)}$	MFD	Attn	Beat Length	Polarization Crosstalk	Cut-off wavelength	Coating Structure*	Coating dia.
	μ m	+/-1.0 μ m	Max. dB/km	mm	Max. dB/100m	μ m		μ m
SM85-PS-N90A	0.85	5.5	3.0	1.0- 2.0	-25	0.65 - 0.80	UV/Polyamide (Black)	900+/-100
SM85-PS-U40A					-30		UV/UV	400+/-15
SM85-PS-U25A								245+/-15
SM98-PS-N90A	0.98	6.6	3.0	1.5- 2.7	-25	0.80 - 0.95	UV/Polyamide (Green)	900+/-100
SM98-PS-U40A					-30		UV/UV	400+/-15
SM98-PS-U25A								245+/-15
SM13-PS-N90A	1.30	9.5	1.0	2.5-4.0	-25	1.10 - 1.29	UV/Polyamide (Black)	900+/-100
SM13-PS-U40A					-30		UV/UV	400+/-15
SM13-PS-U25A								245+/-15
SM14-PS-N90A	1.40 -1.49	9.8	1.0	2.8-4.7	-25	1.20 - 1.38	UV/Polyamide (Black)	900+/-100
SM14-PS-U40A					-30		UV/UV	400+/-15
SM14-PS-U25A								245+/-15
SM15-PS-N90A	1.55	10.5	0.5	3.0-5.0	-25	1.29 - 1.45	UV/Polyamide (Black)	900+/-100
SM15-PS-U40A					-30		UV/UV	400+/-15
SM15-PS-U25A								245+/-15

(1) Measurement wavelength of optical performances.

(2) Standard proof strength : 100KPSI. 200KPSI available on request.

(P/N: SM15-PS-U40A-H for 200KPSI SM15 series)

(3) Cord type available on request.

(P/N: SM15-PS-C28A for example.)

- Precise control of Different Group Delay (X-axis, Y-axis) in wide temperature range (ex. 50ps-/+8% at -5 to +65 deg.C)
1.3ps/m (in case of SM15P)
- Several wavelength types of PANDA fiber are available.
(980, 1310, 1550nm)
- Compact size (reel and tray type also available)
- Connector : FC or SC Type

Differential Group Delay Compensator (PMD compensator)

Application

- ◇ PMD Compensating Module