

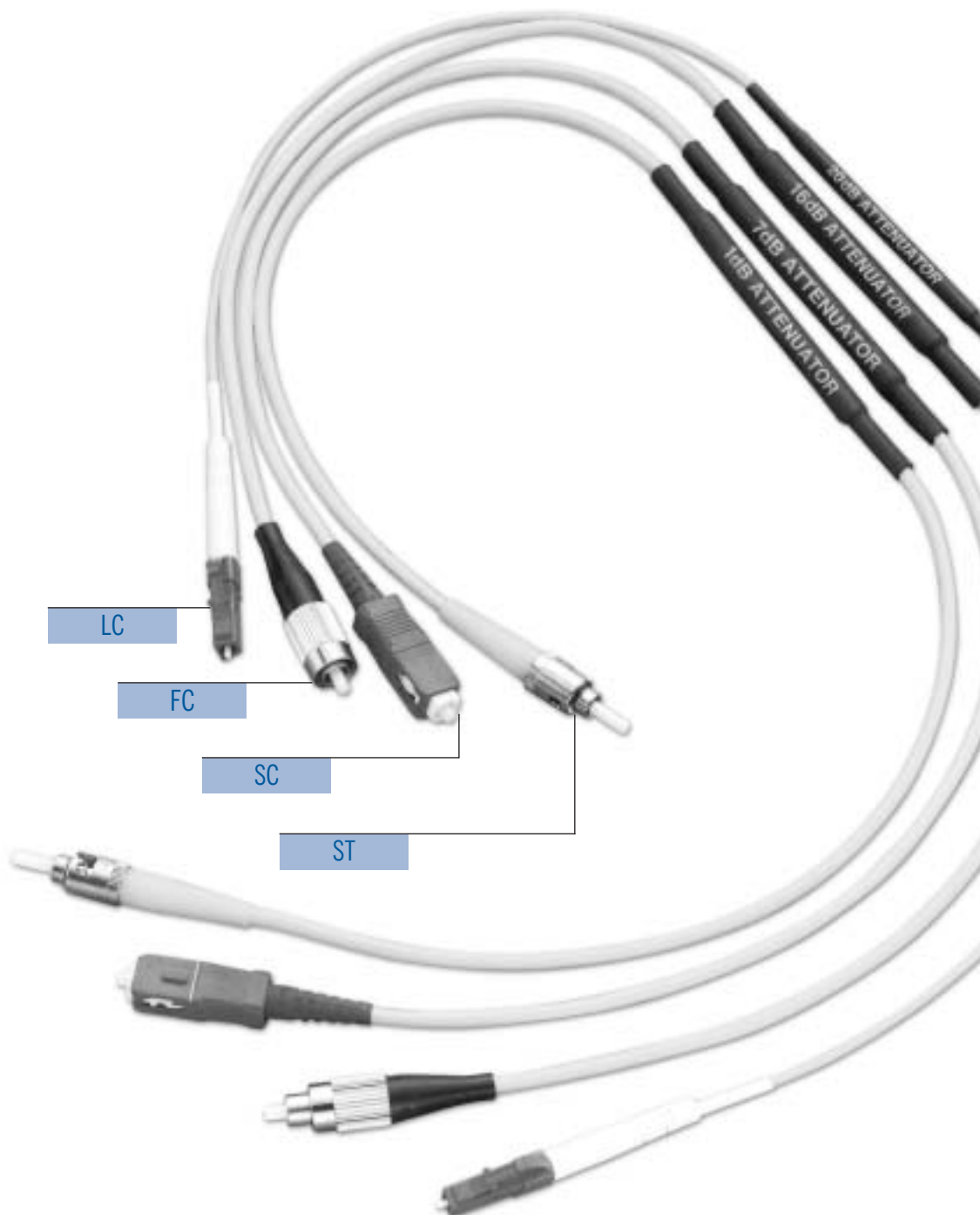
PERFORMANCE HIGHLIGHTS

- Tight Attenuation Tolerance
- Low Return Loss
- Low Polarization Dependent Loss
- Environmental Stability
- Fixed Attenuation Values from 1-20 dB

Whether you're dealing with single- or multi-wavelength systems, you can simplify system management and reduce installation costs with attenuated patchcords from Storm Products—Fiber Optics.

By combining the functions of patchcords and fixed attenuators in one convenient package, our attenuated patchcords offer simple, straightforward installation to save you time, money and space. In addition, the attenuators themselves offer the highly reliable attenuation needed for today's—and tomorrow's—highly engineered optical networking applications.

Storm's attenuated patchcords are specially designed for singlemode operation, are available in either simplex or duplex configuration and can be terminated with all major connector styles—including the new small-form-factor LC.



Operating Window	1310 or 1550 nm
PDL	<0.1 dB
Attenuation	1-10 dB +/- 1.0 dB
	11-20 dB +/- 10%

CONNECTOR

POLISH TYPE	INSERTION LOSS TYPICAL PER END	INSERTION LOSS MAXIMUM PER END	RETURN LOSS MINIMUM	RETURN LOSS TYPICAL
PC	0.25 dB	0.35 dB	-50 dB	-55 dB
APC	0.30 dB	0.40 dB	-60 dB	-65 dB

Connectors meet environmental criteria specified in Telcordia standard GR-326-CORE

CABLE

DIAMETER	MATERIAL	TENSILE STRENGTH	LOSS @1310/1550 nm	MINIMUM BEND RADIUS
1.6 mm (LC)	(UL) OFNR PVC	100 N (23 lbf)	0.5 / 0.5 dB/km	4 cm
3 mm (all other styles)	(UL) OFNR PVC	220 N (50 lbf)	1.0 / 0.75 dB/km	5 cm

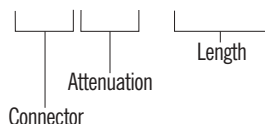
ENVIRONMENTAL

CABLE DIAMETER	OPERATING TEMPERATURE	STORAGE TEMPERATURE	PROOF TEST*
1.6 mm (LC)	-40 TO 75 °C	-55 TO 85 °C	45 N (10 lbf)
3 mm (all other styles)	-40 TO 75 °C	-55 TO 85 °C	67 N (15 lbf)

*Passes proof test as per Telcordia GR-326-CORE

PART NUMBER

81-100-	YYZZ	-	XXX	3.0 mm simplex, singlemode, OFNR Riser-rated cable, 1310 nm
81-101-	YYZZ	-	XXX	1.6 mm simplex, singlemode, OFNR Riser-rated cable, 1310 nm
81-102-	YYZZ	-	XXX	3.0 mm simplex, singlemode, OFNR Riser-rated cable, 1550 nm
81-103-	YYZZ	-	XXX	1.6 mm simplex, singlemode, OFNR Riser-rated cable, 1550 nm



YY=CONNECTOR

STYLE	CODE
LC (PC)*	L*
SC (PC)	T
SC (APC)	Q
ST (PC)	R
FC (PC)	P
FC (APC)	U
No Connector	0 (zero)

* 1.6 mm cable only

DESCRIPTION

ZZ = ATTENUATION

Available in values of 1-20 at increments of 1 dB
State single digits as 01,02, etc.

XXX = LENGTH In meters or feet

Example: 02M = 2 meters, 10F = 10 feet

EXAMPLES:

81-101-LL05-11M:

1.6 mm simplex 1310 nm, LC (PC) to LC (PC), 5 dB, 11 meters

81-100-TP10-03F:

3 mm simplex 1310 nm, SC (PC) to FC (PC), 10 dB, 3 feet