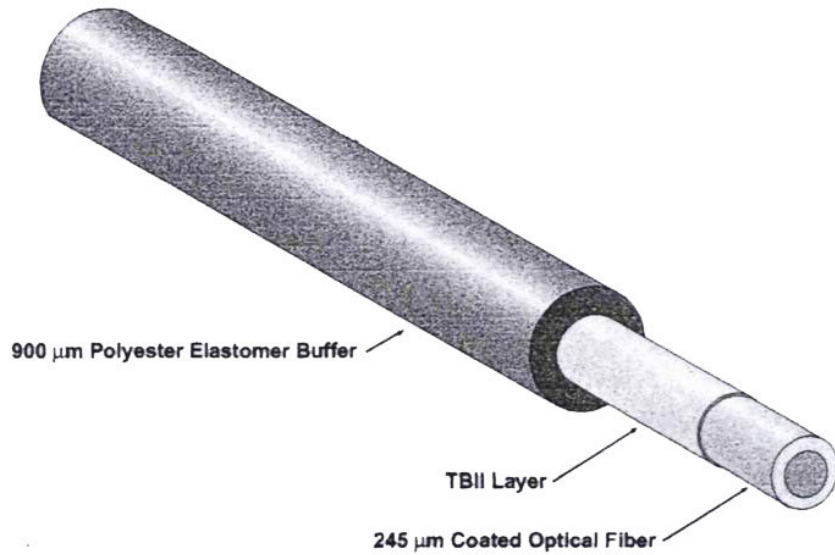


Polyester Elastomer 900 μm TBII™ Buffered Fiber

STECOR



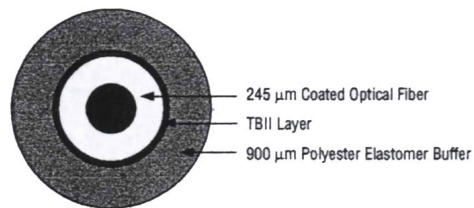
Applications

- *Ideal for use in device pigtails*

Features / Benefits

- *900 μm buffered fiber with polyester elastomer*
- *Provides high temperature resistance*
- *Incorporates Stecor's TBII™ buffering system*

Polyester Elastomer 900 μm Buffered Fiber



Drawing
ZA-1907
ZA-1053

Polyester Elastomer 900 μm TBII™ Buffered Fiber

SIECOR

SPECIFICATIONS

MECHANICAL SPECIFICATIONS

FIBER TYPES (CORE/CLADDING DIAMETERS)	62.5/125 μm , 50/125 μm , 8.3/125 μm
BUFFERING DIAMETER	900 μm
STORAGE TEMPERATURE	-40° C to +70° C (-40° F to +158° F)
OPERATING TEMPERATURE	-20° C to +70° C > 10 m (-40° F to +158° F > 32.8 ft) -20° C to +85° C \leq 10 m (-40° F to +185° F \leq 32.8 ft)
NEC/CSA NEC/CSA LISTING	None
FLAME RESISTANCE	None

FIBER COUNT	CABLE OUTSIDE DIAMETER MM (IN)	CABLE WEIGHT KG/KM (LB/1000 FT)	MAXIMUM TENSILE LOAD		MINIMUM BEND RADIUS	
			LOADED N (LBF)	UNLOADED N (LBF)	LOADED CM (IN)	UNLOADED CM (IN)
1	0.9 (0.04)	0.8 (0.5)	6 (1.4)	3 (0.7)	5.0 (2.0)	3.0 (1.2)

TRANSMISSION PERFORMANCE

PERFORMANCE OPTION CODE	41 62.5 μm (850/1300 nm)	11 50 μm (850/1300 nm)	31 Single-mode (1310/1550 nm)
MAXIMUM ATTENUATION (dB/KM)	3.75/1.5	5.0/4.0	1.0/0.75
TYPICAL ATTENUATION @ 23°C (dB/KM)	3.0/1.0	3.5/1.5	0.5/0.4
LED MINIMUM LED BANDWIDTH (MHZ*KM)	160/500	500/500	-

Other performances and fiber types may be available upon request.

SHIPPING INFORMATION

MAXIMUM REEL LENGTH	2,200 m (7,200 ft)	-
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Other Lengths available upon request

ORDERING INFORMATION

0 0 1 4 1 - 3 1 1 - 2 4
1 2

Use the following options to construct the part number:

1 SELECT FIBER TYPE

K = 62.5/125 μm
C = 50/125 μm
R = Single-mode

2 SELECT PERFORMANCE OPTION CODE.

41 = 62.5 μm
11 = 50 μm
31 = Single-mode

* Specifications subject to change without prior notice.



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