

Fiber Optic Indoor Cable



Part Number:
 D1 - I - T - Xn (Simple)
 T: Fiber Cable size code. They are I, II, III.
 Xn: Fiber Type (for example - 06 is 62.5/1 25m; 05 is 50/1 25m; 09 is 9/125m)

D1 - I - T - Xn - LSZH is low smoke zero halogen type.

Description

One fiber, Ø 900µm tight buffer fiber, Aramid yarn, PVC jacket.
 Low smoke zero halogen jacket (LSZH) optional.

Part Number

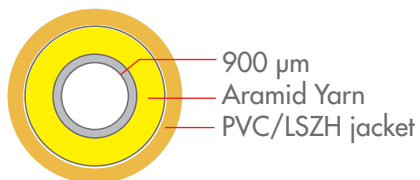
D1 - I - T - Xn (Duplex zip cord)

T: Fiber cable size code. They are I, II, III.
 Xn: Fiber type (for example - 06 is 62.5/1 25 m; 05 is 50/1 25 m; 09 is 9/125 m)

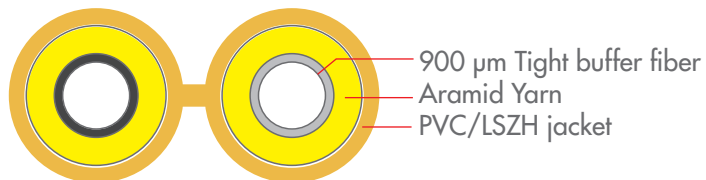
D1 - I - T - Xn - LSZH is low smoke zero halogen type.

Description

Two fibers, figure 8 structure, Ø 900m or Ø 600m tight buffer fiber, Aramid yarn, PVC jacket.
 Low smoke zero halogen jacket (LSZH) optional.



Tight buffer fiber



Tight buffer fiber

Optical Characteristic

		G.652	G.655	50/125 µm	62.5/125 µm
Attenuation (+20° C)	@850nm			≤ 3.5dB/km	≤ 3.5dB/km
	@1300nm			≤ 1.5dB/km	≤ 1.5dB/km
	@1310nm	≤ 0.45dB/km	≤ 0.50dB/km		
Bandwidth	@1550nm	≤ 0.30dB/km	≤ 0.50dB/km		
	@850nm			≥500 MHz.km	≥200 MHz.km
	@1300nm			≥1000 MHz.km	≥600MHz.km

Mechanical Characteristic

Part Number	Cable Diameter mm	TFB Diameter µ m	Cable Weight kg/km	Bending Radius Dynamic/Static mm	Tensile Strenght Long/Short N	Crush Resistance Long/Short N/100mm
D1 - I - Xn	1.6 ± 0.2	600 ± 50	4.0	16/32	-	-
D1 - I - II - Xn	2.0 ± 0.2	900 ± 50	5.9	20/40	60/120	100/500
D1 - I - III - Xn	2.8 ± 0.2	900 ± 50	6.9	28/56	80/150	100/500
D1 - I - I - Xn	(3.4 ± 0.4) X (1.6 ± 0.2)	600 ± 50	7.3	16/32	-	-
D1 - I - II - Xn	(4.2 ± 0.4) X (2.0 ± 0.2)	900 ± 50	10.5	20/40	100/200	100/500
D1 - I - III - Xn	(6.0 ± 0.4) X (2.8 ± 0.2)	900 ± 50	15.6	28/56	100/200	200/1000

Storage, Transport, Operating Temperature - 20° C ~ + 60° C