

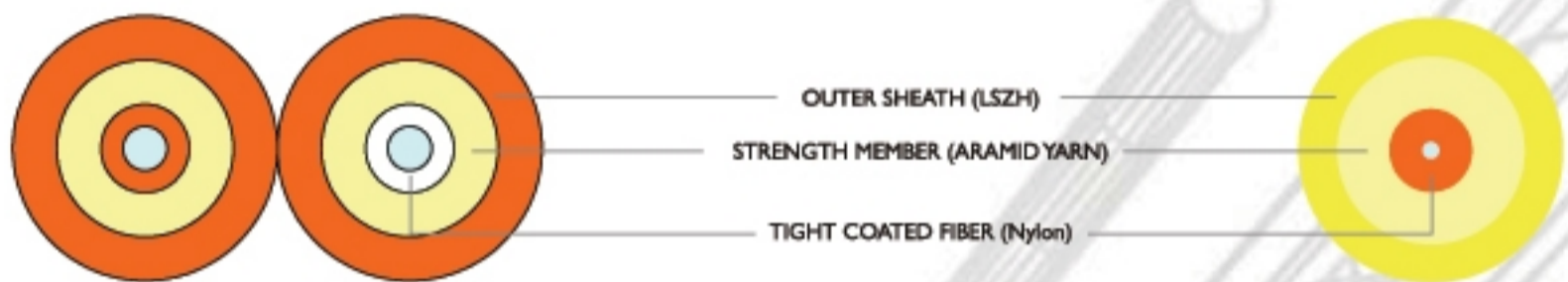
INDOOR CABLES

FEATURES/ADVANTAGES

- Aramid Yarn reinforcement for ruggedized protection.
- Flame retardant.
- Easy to strip & terminate.
- Meets IEC 60794, EIA/TIA, ITU T, EN 187000, RUS 1755.900 & Telcordia GR-20 International standards.

(A) SIMPLEX & DUPLEX DESIGNS

These tight-buffered cables are designed for indoor inter-equipment connections. The inside cable is used for installation through a duct or conduit or can be placed on ceiling walls. Also suitable for computer data or TV links, home automation system, terminal link and internal connections. High strength good bending performance, easy to operate and splice. With tight structure, light weight, small dimension and high tensile strength, it facilitates flexible installations.



PART NUMBER	FIBRE COUNT	DIAMETER (mm) Nominal	WEIGHT (Kg./Km) Nominal	TENSILE STRENGTH (N)		CRUSH RESISTANCE (N/10cm)	BENDING RADIUS (mm)	
				Installation (Short Term)	Operating (Long Term)		Temporary (10 x D of Cable) Dynamic	Permanent (20 x D of Cable) Static
I-1/SM/TB(A)-NMFZ-Y3.0	SIMPLEX-3.0 mm	3.0	8	300	150	500	30	60
I-2/SM/TB(A)-NMFZ-Y6.0	DUPLEX- 6.0 mm MAXIZIP	6.0	16	600	300	500	30	60
I-1/SM/TB(A)-NMFZ-Y2.0	SIMPLEX-2.0 mm	2.0	4	200	100	500	30	60
I-2/SM/TB(A)-NMFZ-Y4.0	DUPLEX-4.0 mm MINIZIP	4.0	8	400	200	500	30	60

(B) FLAT TWIN CABLE



PART NUMBER	FIBRE COUNT	DIAMETER (mm) Nominal	WEIGHT (Kg./Km) Nominal	TENSILE STRENGTH (N)		CRUSH RESISTANCE (N/10cm)	BENDING RADIUS (mm)	
				Installation (Short Term)	Operating (Long Term)		Temporary (10 x D of Cable) Dynamic	Permanent (20 x D of Cable) Static
I-2/SM/TBV(A)-ZMFZ-Y 5.0	2	5.0	18	400	200	600	50	100
I-2/SM/TBV(A)-ZMFZ-Y 7.0	2	7.0	35	600	300	600	70	140

(C) BREAK OUT CABLE:

simplex cables are stranded around central strength member and outer sheath is LSZH.

OUTER SHEATH (LSZH)
 POLYESTER TAPE
 E-GLASS YARN
 SIMPLEX CABLES
 CENTRAL STRENGTH MEMBER
 ARAMID YARN
 TIGHT BUFFERED FIBRE

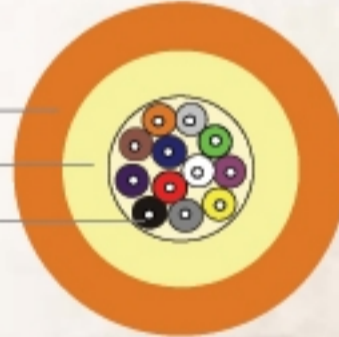


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				Installation (Short Term)	Operating (Long Term)		Temporary (10 x D of Cable) Dynamic	Permanent (20 x D of Cable) Static
B-4/SM/TBN(A&G)-ZMFZ-Y7.5	UPTO 4	7.5	55	600	300	500	75	150
B-6/SM/TBN(A&G)-ZMFZ-Y8.5	Up to 6	8.5	72	600	300	500	85	160

(D) TIGHT BUFFERED DESIGN:

Tight buffered fibres with Nylon upto 900 microns, strength member Aramid yarn and overall jacketed with LSZH.

OUTER SHEATH (LSZH)
 STRENGTH MEMBER (ARAMID YARN)
 TIGHT COATED FIBER

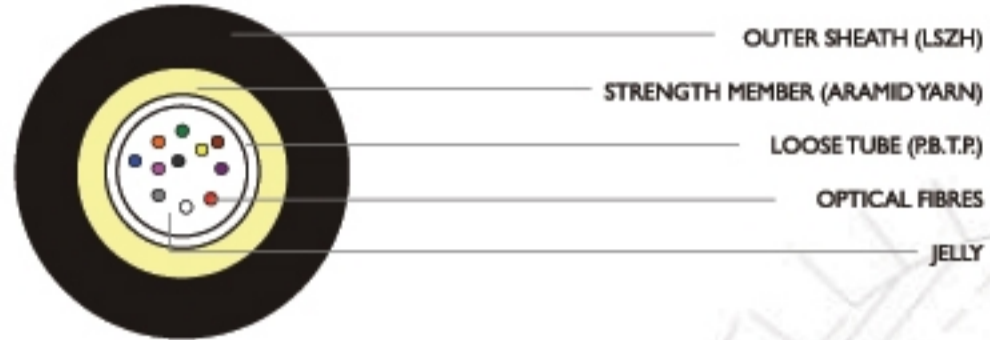


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				Installation (Short Term)	Operating (Long Term)		Temporary (10 x D of Cable) Dynamic	Permanent (20 x D of Cable) Static
P-4/SM/TB(A)-NMFZ-Y5.0	UPTO 4	5.0	26	1000	500	500	50	100
P-8/SM/TB(A)-NMFZ-Y5.8	8	5.8	32	1000	500	500	58	116
P-12/SM/TB(A)-NMFZ-Y6.2	12	6.2	36	1000	500	500	62	124
P-16/SM/TB(A)-NMFZ-Y7.5	16	7.5	52	1200	600	500	75	150
P-24/SM/TB(A)-NMFZ-Y8.0	24	8.0	60	1200	600	500	80	160



(E) LOOSE TUBE DESIGN

Loose tube containing fibres filled with jelly surrounded by strength member aramid yarn & overall jacketed with LSZH.



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				Installation (Short Term)	Operating (Long Term)		Temporary (10 x D of Cable) Dynamic	Permanent (20 x D of Cable) Static
P-12/SM/UT(A)-MFZ-Y5.8	UPTO 12	5.8	33	1000	500	500	58	116
P-24/SM/UT(A)-MFZ-Y7.0	14 TO 24	7.0	50	1000	500	500	70	140

***Options Available:**

- Tight Buffered coating material: Nylon/PVC/LSZH.
- Customised designs are available on request.
- Fibre options: SM (G652B/D, G655 & G657), MM (OM1, OM2 & OM3).
- Loose tube design also available with Glass Yarns.