

MINIFLEX™ FIBRE CABLE

Miniflex™ Fibre Cable is a flexible fibre optic cable made from crush resistant durable polymer.

Miniflex™ Fibre Cable has exceptionally low weight for the level of strength and protection it provides. Miniflex™ Fibre Cable is available with many different counts & types of fibre and is suitable for installation using blowing, pulling and pushing techniques.

ADVANTAGES

- Low smoke, zero halogen (LSZH) & UV stablized versions available
- Features Miniflex™ technology
- Lightweight
- Small diameter
- Grooving increases flexibility for a given strength
- Very high crush resistance
- Uses industry-standard fibre
- Ultra tough
- Class-leading combination of size, crush resistance, flexibility & fibre density.
- Can be POF

COMPATIBILITY LIST

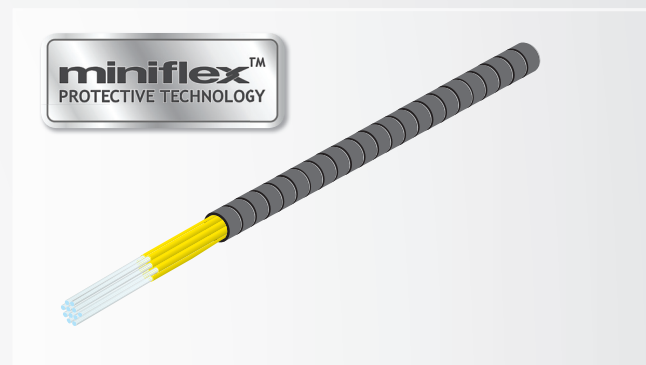
Miniflex™ Fibre Cable is compatible with:

- Microduct
- Polarization Mode Dispersion (PMD): In accordance with G.652D Specification*
- Attenuation: In accordance with ISO/IEC 11801 class OS1*

FIBRE SPEC

SINGLE MODE	MULTI MODE	POF
G652D	OM 1,2,3,4	IEC Type A4a.2
G657A1		
G657A2		

*Excluding POF

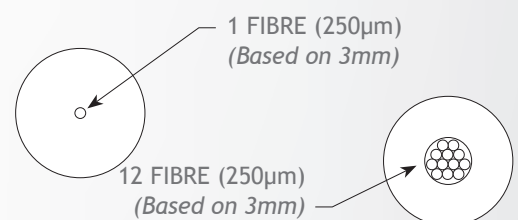


APPLICATIONS

- ✓ FTTH/FTTx - OUTDOOR
- ✓ FTTH/FTTx - INDOOR
- ✓ DATA INFRASTRUCTURE
- ✓ TELECOMS
- ✓ TRANSPORT - AUTOMOTIVE
- ✓ TRANSPORT - AEROSPACE

SPECIFICATIONS

- ISO9001 Production
- prEN 50411-6-1
- IEC 60794-5



SPECIFICATIONS

OUTSIDE Ø	250µm FIBRES	900µm FIBRES	WEIGHT (per km)	CRUSH RESISTANCE 20% DEFLECTION	MAX INSTALL TENSION	SERVICE TEMP	INSTALLATION TEMP
3mm 0.118"	1, 2, 4, 6, 8,12	1	7.2kg 15.8lbs	950 N / 220 lbf	100N 20 lbf	-40°C / +80°C	-10°C / +80°C
4mm 0.157"	1, 2, 4, 6, 8,12, 24	2	11kg 7.3lbs	700 N / 150 lbf	100N 20lbf	-40°C / +80°C	-10°C / +80°C
5mm 0.197"	1, 2, 4, 6, 8,12, 24	4	13.6kg 9.1lbs	1400 N / 350 lbf	100N 20lbf	-40°C / +80°C	-10°C / +80°C
6.35mm 0.250"	1, 2, 4, 6, 8,12, 24	6	19.4kg 13lbs	700 N / 150 lbf	100N 20lbf	-40°C / +80°C	-10°C / +80°C

Polarization Mode Dispersion (PMD): In accordance with G.652D Specification. Attenuation: In accordance with IEC/ISO 11801 Specification, class OS1

OPTIONS

DRUM LENGTHS	REEL Ø	REEL WEIGHT	MATERIAL	PRINT
2000 Metres 6500 ft (3mm)	ø400mm 16"	16.4kg 36.1lbs	PA	Per Metre
2000 Metres 6500 ft (4mm)	ø500mm 20"	28kg 61.7lbs	PBT <i>quoted above</i>	
2000 Metres 6500 ft (5-6.35mm)	ø600mm 24"	44.8kg (max) 98.8lbs (max)	PE	
			PP	

COLOURS

MATERIAL	WHITE	CLEAR	BLACK	RED	BLUE	YELLOW	GREEN	ORANGE	GREY
PA								✓	
PBT	✓		✓	✓	✓			✓	
PE	✓								
PP	✓	✓	✓	✓	✓	✓	✓	✓	✓

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