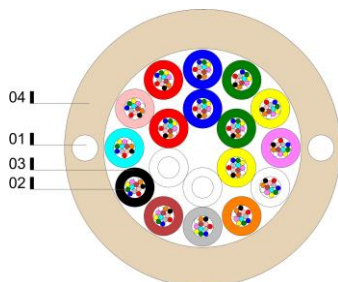




MicroTube Module06 I-FT

Multitube Dielectric Cable FTTx (Up to 72 Fo)



Cable Description

- 01. FRP Strength Member
- 02. Fibre Optics
- 03. Micro Tubes (Flexible)
- 04. WB Elements
- 05. Outer Jacket

Fire Performance

Halogen Free (IEC 60754-1/-2)
Flame retardant (IEC 60332-1)
Low smoke emission (IEC 61034-2)

Applications

Indoor
Riser / Vertical Installations

Options

Other fibre types available under request
Special colour code

CPR Classification (Euroclass)

Reaction against Fire: Dca, s2, d2, a1
Declaration Code: DOP01053

Advantages

Compact / Resistant / Totally dielectric / Easy stripping / Flexible Tubes / Breakout window / Easy-to-access fibre core



MOISTURE
PROTECTED

TOTALLY
DIELECTRIC

HIGH
FLEXIBILITY

HALOGEN
FREE

FLAME
RETARDANT

LOW SMOKE
EMISSION

BREAKOUT
WINDOW

	SPECIFICATIONS					
Fibre Count	6	12	24	36	48	72
Fibres per Tube	6					
Active Tubes	1	2	4	6	8	12
Outer Jacket	LSZH ¹					
Jacket Colour	Ivory					
Weight (Kg/Km)	45	53	56	65	85	110
Outer Ø (mm)	7.2 ±0.3	8.0 ±0.3	8.0 ±0.3	9.0 ±0.3	10.2 ±0.3	11.5 ±0.5
Tensile Load (N)	1800 - (IEC 60794-1-21 E1) ²					
Max. Crush (N/dm)	2000 (Short) / 1000 (Long) - (IEC 60794-1-21 E3)					
Max. Impact (J)	5 - (IEC 60794-1-21 E4)					
Temperature Range	-30°C a +70°C (IEC 60794-1-22 F1)					
Min. Bending Radius (mm)	20 x Outer Ø (IEC 60794-1-21 E11)					

Standards

Mechanical and Environmental tests according to IEC 60794-1-21 and IEC 60794-1-22.

Fibre Colour Code (FRT Code): Red – Blue – Green – Yellow – Violet – White.

MicroTubes Colour Code (FRT Code): Red – Blue – Green – Yellow – Violet – White – Orange – Grey – Brown – Black – Turquoise – Pink.

¹ LSZH – Halogen free, low smoke emission and flame retardant thermoplastic compound.

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OPTRAL

² $\Delta\alpha \leq 0.05$ dB after test.

All technical specifications are subject to change without prior notice. Consult OPTRAL for the latest edition.

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