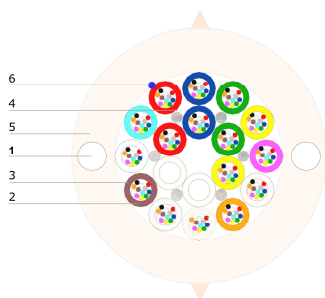




MicroTube I-FT12

Multitube Dielectric Cable FTTx (Up to 48 FO)



Cable Description

01. FRP Strength Member
02. Fibre Optics
03. Micro Tubes (Flexible)
04. Waterblocking Yarns
05. Outer Jacket
06. Ripcord

Applications

Indoor
Riser / Vertical Installations



Fire Resistance

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

Options

Other fibre types available under request
Special colour code

Advantages

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



MOISTURE
PROTECTED



TOTALLY
DIELECTRIC



HIGH
FLEXIBILITY



HALOGEN
FREE



FLAME
RETARDANT



LOW SMOKE
EMISSION



BREAKOUT
WINDOW

SPECIFICATIONS

	12	24	36	48
Fibre Count	12	24	36	48
Fibres per Tube	12			
Active Tubes	1	2	3	4
Waterblocking Elements	Waterblocking yarns			
Outer Jacket	LSZH ¹			
Jacket Colour	Ivory			
Weight (Kg/Km)	46	60	61	63
Outer Ø (mm)	6.5 ±0.3	8.0 ±0.3	8.0 ±0.3	8.0 ±0.3
Max. Tensile Load (N)	170 (Operation) / 300 (Installation) – (IEC 60794-1-21 E1)			
Max. Crush (N/dm)	1000 (IEC 60794-1-21 E3)			
Max. Impact (J)	5 (IEC 60794-1-21 E4)			
Temperature Range	-15°C to +60°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 – Orange – Grey – Brown – Black – Turquoise – Pink.

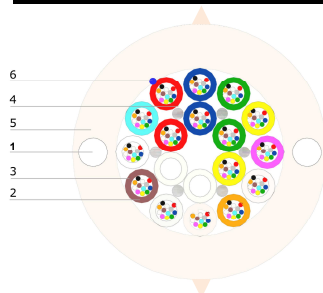
Fibre and MicroTubes Colour Code (FRT Code): Red – Blue – Green – Yellow.

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



MicroTube I-FT06

Multitube Dielectric Cable FTTx (Up to 24 FO)



Cable Description

- 01. FRP Strength Member
- 02. Fibre Optics
- 03. Micro Tubes (Flexible)
- 04. Waterblocking Yarns
- 05. Outer Jacket
- 06. Ripcord

Applications

Indoor
Riser / Vertical Installations



Fire Resistance

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

Options

Other fibre types available under request
Special colour code

Advantages

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



MOISTURE
PROTECTED



TOTALLY
DIELECTRIC



HIGH
FLEXIBILITY



HALOGEN
FREE



FLAME
RETARDANT



LOW SMOKE
EMISSION



BREAKOUT
WINDOW

	SPECIFICATIONS			
Fibre Count	6	12	18	24
Fibres per Tube	6			
Active Tubes	1	2	3	4
Waterblocking Elements	Waterblocking yarns			
Outer Jacket	LSZH ¹			
Jacket Colour	Ivory			
Weight (Kg/Km)	45	59	60	61
Outer Ø (mm)	6.5 ± 0.3	8.0 ± 0.3	8.0 ± 0.3	8.0 ± 0.3
Oper/Inst Tensile Load (N)	170/300 – (IEC 60794-1-21 E1)			
Max. Crush (N/dm)	1000 (IEC 60794-1-21 E3)			
Temperature Range	-15°C to +60°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.

Fibre and MicroTubes Colour Code (FRT Code): Red – Blue – Green – Yellow.

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