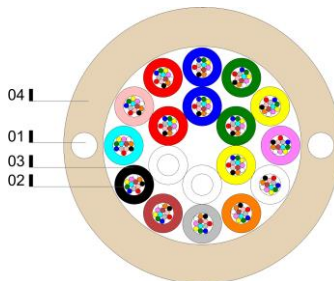




MicroTube Module12 I-FT

Multitube Dielectric Cable FTTx (Up to 144 Fo)



04 |
01 |
03 |
02 |

Cable Description

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

Applications

Indoor
Riser / Vertical Installations

Options

Other fibre types available under request
Special colour code

Fire Resistance

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

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 / High Density Fibre Cable



MOISTURE PROTECTED



TOTALLY DIELECTRIC



HIGH FLEXIBILITY



HALOGEN FREE



FLAME RETARDANT



LOW SMOKE EMISSION



BREAKOUT WINDOW



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

SPECIFICATIONS							
Fibre Count	12	24	36	48	72	96	144
Fibres per Tube	12						
Active Tubes	1	2	3	4	6	8	12
Outer Jacket	LSZH ¹						
Jacket Colour	Ivory						
Weight (Kg/Km)	30	36	38	40	59	76	83
Outer Ø (mm)	7.2 ±0.3	8.0 ±0.3	8.0 ±0.3	8.0 ±0.3	10.2 ±0.5	11.5 ±0.5	11.5 ±0.5
Max Tensile Load (N)	1800 - (IEC 60794-1-21 E1) ²						
Max. Crush (N/dm)	2200 (Short) / 1100 (Long) - (IEC 60794-1-21 E3)						
Max. Impact (J)	5 - (IEC 60794-1-21 E4)						
Temperature Range	-30°C to +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 – Orange – Grey – Brown – Black – Turquoise – Pink.

Fibre and 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.

² Δα ≤ 0.05 dB after test.