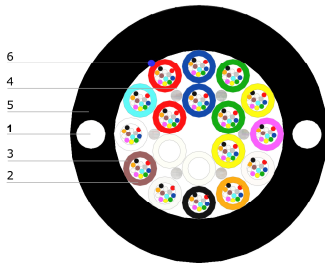




MicroTube O-FT12 / ETW.52.034

Multitube Dielectric Cable FTTx (Up to 144 FO)



Cable Description

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

Applications

- Outdoor
- Ducts
- External Facade Buildings

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



MOISTURE PROTECTED



UV RESISTANT



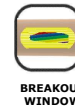
TOTALLY DIELECTRIC



HIGH FLEXIBILITY



HALOGEN FREE



BREAKOUT WINDOW

SPECIFICATIONS

Fibre Count	72	96	144
Fibres per Tube	12		
Active Tubes	6	8	12
Waterblocking Elements	Waterblocking glass yarns		
Outer Jacket	Polyethylene		
Jacket Colour	Black		
Weight (Kg/Km)	58	70	94
Outer Ø (mm)	9.0 ±0.5	10.5 ±0.5	11.8 ±0.5
Tensile Load (N) (Op/Inst)	500/1270	510/1300	700/1750
Max. Crush (N/dm)	2000 (IEC 60794-1-21 E3)		
Temperature Range	-30°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.

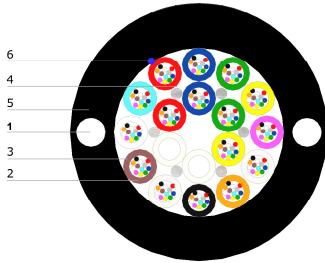
MicroTubes Colour Code (FRT Code): Red – Blue – Green – Yellow – Violet – White – Orange – Grey – Brown – Light Green – Turquoise – Pink.

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



MicroTube O-FT12

Multitube Dielectric Cable FTTx (Up to 144 FO)



Cable Description

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

Applications

- Outdoor
- Ducts
- External Facade Buildings

Options

- Other fibre types available under request
- Special colour code

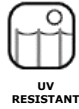


Advantages

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



MOISTURE PROTECTED



UV RESISTANT



TOTALLY DIELECTRIC



HIGH FLEXIBILITY



HALOGEN FREE



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
Waterblocking Elements	Waterblocking glass yarns						
Outer Jacket	Polyethylene						
Jacket Colour	Black						
Weight (Kg/Km)	30	53	55	57	70	72	94
Outer Ø (mm)	6.5 ±0.3	9.0 ±0.3	9.0 ±0.3	9.0 ±0.3	10.5 ±0.5	10.5 ±0.5	12.0 ±0.5
Oper/Inst Tensile Load (N)	200/360	600/1100	600/1100	600/1100	700/1300	700/1300	700/1300
Max. Crush (N/dm)	2000	3000 (IEC 60794-1-21 E3)					
Max. Impact (J)	5 (IEC 60794-1-21 E4)						
Temperature Range	-20°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 – Violet – White – Orange – Grey – Brown – Black – Turquoise – Pink.