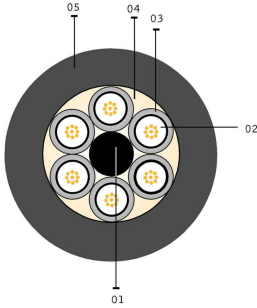




Multitube Distribution Cable FTTx



Cable Description

- 01. Central Element (GRP)
- 02. Fibre Optics
- 03. Loose Tubes (Jelly Filled)
- 04. Waterblocking Yarns
- 05. Outer Jacket

Applications

- Outdoor
- Ducts
- Air Blowing ¹

Options

- LSZH Jacket
- PA12 Jacket

CPR Classification (Euroclass)

- Reaction to Fire: Fca
- Declaration Code: DOP03100

Advantages

Compact / Tough / Resistant / Totally Dielectric / Excellent resistance to friction / Suitable for "air blowing" systems.



TOTALLY DIELECTRIC



MOISTURE-PROTECTED



WATERTIGHT



LOW FRICTION



ULTRAVIOLET RESISTANCE



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

SPECIFICATIONS

	12	24	36	48	72	84	96	108	120	144
Fibre Count	12	24	36	48	72	84	96	108	120	144
Total Tubes	6	6	6	6	6	8	8	12	12	12
Active Tubes	1	2	3	4	6	7	8	9	10	12
Tube Ø (mm)	1.55 ±0.1									
Fibres per Tube	12									
Outer Jacket	High Density Polyethylene (HDPE) - Black									
Weight (Kg/Km)	30	30	31	32	33	51	52	76	77	79
Outer Ø (mm)	5.8 ±5%	5.8 ±5%	5.8 ±5%	5.8 ±5%	5.8 ±5%	7.2 ±5%	7.2 ±5%	8.7 ±5%	8.7 ±5%	8.7 ±5%
Max. Tensile Load (N)	500	500	500	500	500	1300	1300	1300	1300	1300
Max. Crush (N/dm)	500 (IEC 60794-1-21 E3)									
Temperature Range	-40°C to +70°C (Operation and Storage) / -10°C to +50°C (Installation)									
Min. Bending radius (mm)	20 x Outer Ø (IEC 60794-1-21 E11)									
Duct ² Ø_{int} (mm)	8	8	8	8	8	10	10	12	12	12

Standards

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

Fibres colour code: Red – Green – Blue – Yellow – Grey – Violet – Brown – Orange – White – Pink – Black – Turquoise.

Tubes colour code: Red – Green – Blue – Yellow – Grey – Violet – Brown – Orange – White – Pink – Black – Turquoise. If the cable have fillers, these are Black or Natural.

¹ Optral recommends the use of driven belts cable feeder for installation.

² Recommended diameter for installation in Duct (contact us for other duct diameters).