



LIACC FO Access cable MTE 2-48 cores, Outdoor, 1500N



*All images are indicative

Features

Outdoor and duct installation
All Dielectric Non-Metallic design
Light weight

Standards of reference and applications

IEC 60793, IEC 60794
Intrabuilding Voice and Data/LAN Communication Networks
Installation in Ducts & Conduits
Building access in FTTx networks

Installation Features

Store at -40 to +70 °C

Install at -5 to +50 °C

Operate at -40 to +60 °C

Bend minimum 20 times O.D. (installation)

Bend minimum 15 times O.D. (static)

Design

Optical fiber : 125/250µm Single Mode or Multi Mode

Buffer : PBTP loose tube filled with jelly (nominal diameter 2.3mm).

Central member : FRP (nominal diameter 2.0mm).

Assembling : tubes and fillers assembled together according to “Colour Code” table

Wrapping : water blocking tape.

Protection : anti-rodent glass yarns.

Outer jacket : Black HDPE material, UV resistant (nominal thickness 1.5mm)

Marking : APS Finland - ww/yy - Fiber Optic Cable MTE fiber count x fiber type - P/N
- lot + meter

Environmental properties

UV resistant : UL1581, IEC11801

Mechanical properties

Pulling tension : 1500 N ($\Delta\alpha$ reversible, IEC 60794-1-2-E1)

Crush : 2000N/100mm ($\Delta\alpha$ reversible, IEC 60794-1-2-E3)

Impact : 10J ($\Delta\alpha$ reversible, IEC 60794-1-2-E4)

Water penetration : 3m cable, 1m water, 24 hours (IEC 60794-1-2-F5)

Colour code of tubes and fibers

	1	2	3	4	5	6	7	8	9	10	11	12
Tube Colours	Blue	Orange	Green	Brown	Grey	White (natural)						
Fiber Colours	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Violet	Pink	Aqua
Fillers	Black											

Fiber Optic characteristics

See detailed specification of optical fibers.

Ordering and delivery information

Fiber Count	Part Number	No. of tubes	Fibers per tube	Fillers	O.D. (mm)	Weight (kg/km)	Packaging						
2	MTE1502xxoo	1	2	5	11.5	60	Drum						
4	MTE1504xxoo	1	4	5	11.5	60	Drum						
8	MTE1508xxoo	1	8	5	11.5	60	Drum						
12	MTE1512xxoo	1	12	5	11.5	60	Drum						
24	MTE15243xxoo	3	8	3	11.5	60	Drum						
24	MTE15242xxoo	2	12	4	11.5	60	Drum						
48	MTE1548xxoo	4	12	2	11.5	60	Drum						

xx = fiber type

ex. OS2=S2, OM1=M1, OM2=M2, OM3=M3, OM4=M4

oo = delivery length

ex. 2000m=D2, 4000m=D4

Recommended connectivity

Pigtails : APS LIIN-25 series

Patch cords : APS LIIN-25 series

Adapters : APS LIIN-25 series

Patch Panels : APS LIIN-25 series

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