

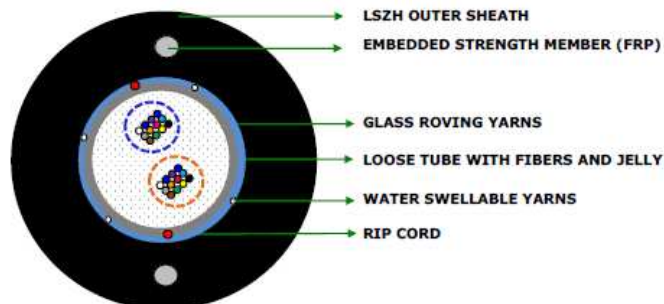
MULTIMODE FIBER

INDOOR/OUTDOOR CABLE

NCB-FM51X-UULS-YY

D-Link[®]

AltraNET[®]
series



D-Link Unitube Single Jacket Duct Fibre Optic Cable is used for outdoor applications in cable trays or ducts or aerial drop for access inside campus and within buildings. This cable consists of colour coded optical fibres placed in a central tube along with gel to protect from water ingress and is surrounded with strength yarns which provides tensile to the core. Thermoplastic sheath placed over the dielectric armor layer makes the cable user friendly.

FEATURES & BENEFITS

- Cables are rodent protected
- Easily removable rugged jacket
- Flexible, light weight, easy to handle & install
- Tensile and crush resistant
- UV protected
- Tightly controlled physical parameters

SPECIFICATIONS

Physical Characteristics	
Fibre Count	4-24
Fibre Type	MM - OM3 (50/125)
Maximum Cabled Attenuation (dB/km)	850nm : ≤ 3.5 & 1300nm : ≤ 1.5
Moisture Barrier	Water Swellable Yarn with GRY
Peripheral Strength Members	Glass Roving Yarns
Embedded Strength Member	FRP to provide tensile strength and anti-buckling properties
No of Ripcords Below Tape	2
Outer Sheath Material	LSZH UV Protected

MECHANICAL & ENVIRONMENTAL CHARACTERISTICS

Cable Characteristics	Testing Standard	Cable Performance
Tensile Strength (N)	IEC-60794-1-21-E1	1000
Crush Resistance (N/100 mm)	IEC-60794-1-21-E3	2000
Impact Strength(Nm)	IEC-60794-1-21-E4	10
Torsion	IEC-60794-1-21-E7	$\pm 180^\circ$
Min. Bend Radius (During Installation)	IEC-60794-1-21-E11	20 D
Min. Bend Radius (After Installation)	IEC-60794-1-21-E11	15 D
Drip Test	IEC-60794-1-21-E14	30 cm, 70°C, 24 h
Temperature Performance	IEC-60794-1-22-F1	Max. change in attenuation shall be ≤ 0.5 dB/km
Installation		-20°C to +50°C
Operation		-30°C to +60°C



FIBER CABLES

dlinkmea.com/scs

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CABLE CHARACTERISTICS

Fibre Count	Fibre Per Tube	No of Tubes	Tube Colour	Sheath Colour	Fibre Color	Diameter (mm)	Weight of Cable (kg/km)	Cable Length in one Reel Km
4	4	1	White	Black	BL,OR,GR,BR.	6.2 ± 0.5	48 ±10%	2 ± 5%
6	6	1	White	Black	BL,OR,GR,BR,SL,WH	6.2 ± 0.5	48 ±10%	2 ± 5%
12	12	1	White	Black	BL,OR,GR,BR,SL, WH, RD, BK, YL,VI,PK,AQ.	6.2 ± 0.5	48 ±10%	2 ± 5%
24	24	1	White	Black	BL,OR,GR,BR,SL,WH, RD,BK,YL,VI,PK,AQ. With non-identical binders for each 12 fibre	7.0 ± 0.5	48 ±10%	2 ± 5%

Note:- Where BL=Blue,OR=Orange,GR=Green,BR=Brown,SL=Slate,WH=White,RD=Red,BK=Black,YL=Yellow,VI=Yellow,PK=Pink, & AQ=Aqua.

PACKAGING INFO

Packing: Wooden Drums

Lengths (tolerance ±5%): 2000 Mtrs

Note - Customised drum lengths available on request

ORDERING INFORMATION

MODEL NAME

DESCRIPTION

NCB-FM51X-UULS-04	04 Core Multimode (50/125um) OM3 Unitube UnArmoured Fiber Cable - LSZH Sheath
NCB-FM51X-UULS-06	06 Core Multimode (50/125um) OM3 Unitube UnArmoured Fiber Cable - LSZH Sheath
NCB-FM51X-UULS-12	12 Core Multimode (50/125um) OM3 Unitube UnArmoured Fiber Cable - LSZH Sheath
NCB-FM51X-UULS-24	24 Core Multimode (50/125um) OM3 Unitube UnArmoured Fiber Cable - LSZH Sheath

