

SINGLEMODE FIBER

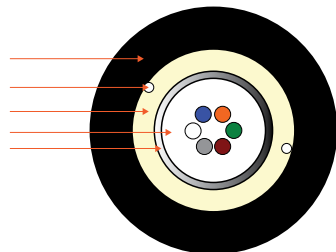
INDOOR/OUTDOOR CABLE

NCB-FS09X-UUHD-YY

D-Link[®]

AltraNET[®]
series

OUTER SHEATH (HDPE)
RIP CORD
GLASS YARN
FILLING JELLY
LOOSE TUBE WITH FIBRES



D-Link Unitube Single Jacket Duct Fibre Optic Cable can be used for Indoor/outdoor applications in cable trays or ducts 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 high strength yarns which provides tensile to the core. This cable can be installed in ducts with either pulling or blowing techniques and give protection against rodents.

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	SM – G652D
Maximum Cabled Attenuation (dB/km)	1310nm : ≤ 0.35 & 1550nm : ≤ 0.23
Moisture Barrier	Water Swellable Yarn with GRY
Peripheral Strength Members	Glass Roving Yarns
No of Ripcords	2
Outer Sheath Material	UV Protected HDPE

MECHANICAL & ENVIRONMENTAL CHARACTERISTICS

Cable Characteristics	Testing Standard	Cable Performance
Tensile Strength (N)	IEC-60794-1-21-E1	Installation - 1600N & Operational - 550N
Crush Resistance (N/100 mm)	IEC-60794-1-21-E3	1100
Impact Strength(Nm)	IEC-60794-1-21-E4	15
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 for SM
Installation		-10°C to +60°C
Operation		-10°C to +70°C

FIBER CABLES



dlinkmea.com/scs

SINGLEMODE FIBER

INDOOR/OUTDOOR CABLE

NCB-FS09X-UUHD-YY

D-Link[®]
AltraNET[®]
series

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.	7.4 ± 0.5	52 ±10%	2 ± 5%
6	6	1	White	Black	BL,OR,GR,BR,SL,WH	7.4 ± 0.5	52 ±10%	2 ± 5%
12	12	1	White	Black	BL,OR,GR,BR,SL, WH, RD, BK, YL,VI,PK,AQ.	7.4 ± 0.5	52 ±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	7.4 ± 0.5	52 +/-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-FS09X-UUHD-04	04 Core Singlemode Unitube UnArmoured Fiber Cable - HDPE Sheath
NCB-FS09X-UUHD-06	06 Core Singlemode Unitube UnArmoured Fiber Cable - HDPE Sheath
NCB-FS09X-UUHD-12	12 Core Singlemode Unitube UnArmoured Fiber Cable - HDPE Sheath
NCB-FS09X-UUHD-24	24 Core Singlemode Unitube UnArmoured Fiber Cable - HDPE Sheath

FIBER CABLES



dlinkmea.com/scs