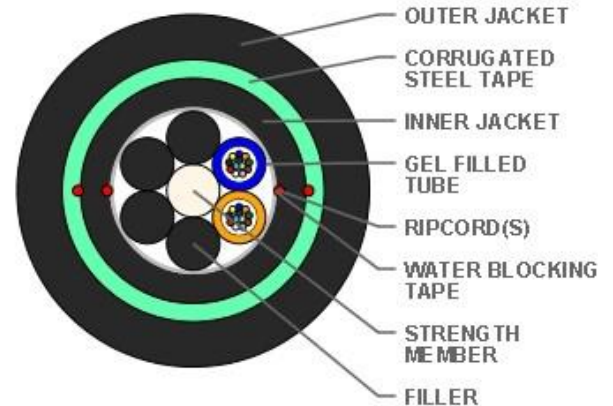


D-Link Multitube Double Jacket Fiber Optic Cables are typically used for outside plant (OSP) applications. These cables are suitable for direct burial duct as well as for duct applications. This cable can be installed by using blowing or trenching techniques.

Features:

- Steel tape armor and PE jacket provide rodent protection along with improved crush and impact protection
- Water blocking tape & Water blocking yarns over FRP
- Central Strength Member FRP
- Metallic armoring – Corrugated ECCS Steel Tape
- Tube material - PBT
- Flexible, light weight, easy to handle & install
- Complies with standard IEC 60794-3-10



Mechanical & Environment Characteristics:

Operating Temperature	- 40°C to +70°C
Storage Temperature	- 40°C to +70°C
Jacket Material	Outer Sheath is UV Proof Black HDPE
	Inner Sheath is Black HDPE

Mechanical & Environmental Characteristics:

Fiber count	Outer Diameter (mm)	Nominal Cable weight (kg/km)	Pulling Tension	Crush Load N/100mm	Bend Radius (mm)
12	13.3 ± 0.5 mm	165 ± 10%	2000	2200	20D
24	13.3 ± 0.5 mm	165 ± 10%	2000	2200	20D
48	13.3 ± 0.5 mm	165 ± 10%	2000	2200	20D

Physical Properties: -

No. of Fibers	12F	24F	48F
No. of Ripcords below inner sheath	2	2	2
No. of Ripcords below tape	2	2	2
Number of Loose Tube	1	2	4
Number of Fiber in Loose Tube	12	12	12
Number of Filler	5	4	2

Tube Color Codes:

Blue	Orange	Green	Brown	-	-
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Fiber Color Codes

Blue	Orange	Green	Brown	Slate	White
Red	Black	Yellow	Violet	Pink	Aqua

Optical Fiber Characteristics:

Fiber Type	9/125 um (OS2)	
Operational Wavelength	1310 nm	1550 nm
Max Attenuation (db / km)	≤ 0.35	≤ 0.23

Characteristics (cabled) Single-Mode - Matched-Cladded optical fibers according to ITU

Fiber - type	MFD	Cladding Diameter (μm)	Dispersion (ps/(nm-km))	PMD (ps/√km)	Cable Cut-off wavelength (nm)
9/125 / G.652D	9.2 ± 0.5μm @ 1320nm 10.3 ± 0.5 μm @ 1550 nm	125 ± 0.7	≤ 3.5 at 1285-1330 nm ≤ 17.5 at 1550 nm ≤ 22 at 1625 nm	≤ 0.2	≤ 1260

Cable Size & ordering Information:

Cable Size	Standard Length
12/24/48 Fibers	2 Km ± 10%

Ordering Information:

NCB-FS100-ALDD-12-WD	OS2 12F Double Sheath Multi Tube OFC
NCB-FS100-ALDD-24-WD	OS2 24F Double Sheath Multi Tube OFC
NCB-FS100-ALDD-48-WD	OS2 48F Double Sheath Multi Tube OFC