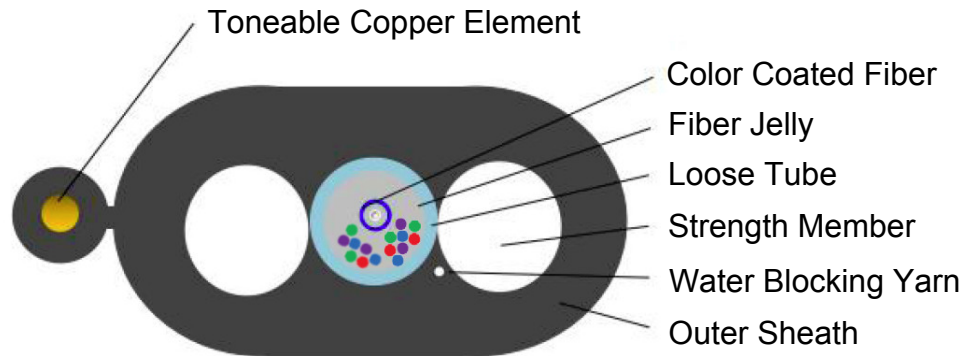


FDC Series Flat Drop Cable (Toneable) 1, 2, 6 or 12 Count SM Fiber



The FDC Series Flat Drop Cable from Toner is an industry standard Loose Tube fiber drop cable for FTTP applications. This flat drop cable is available with 1, 2, 6 or 12 count fiber with a toneable copper component embedded in the polyethylene jacket.

The FDC series flat drop cable features G.657.A2 fiber which is bend-insensitive single-mode fiber with a minimum design bend radius of 0.30 inch (7.5mm)

Model	FDC-TSM01	Fiber Drop Cable, Toneable, Single Mode 1 fiber
	FDC-TSM02	Fiber Drop Cable, Toneable, Single Mode 2 fiber
	FDC-TSM06	Fiber Drop Cable, Toneable, Single Mode 6 fiber
	FDC-TSM12	Fiber Drop Cable, Toneable, Single Mode 12 fiber

Standard Cable Marking	Fiber Model
	Number of Fibers
	Type of Fiber
	Distance in Meters
	Custom Markings as Needed (Minimums Apply)

Packaging	Standard packaging is 3 KM (9800') on a wood reel
	Optional packaging is from 1 Km (3280') to 5 Km (16,400')

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Specifications

Fiber Count	1, 2, 6 or 12
Cladding Diameter	125±1um
Coating Diameter	245±10um
Loose Tube	
Diameter	0.078"±0.003" (2.0mm±0.1mm)
Material	PBT
Color	Natural
Strength Member	
Diameter	0.082" (2.1mm)
Material	FRP
Toneable Component	
Diameter	0.020" (0.52mm)
Material	Copper wire
Jacket	
Size	0.170" x 0.314" (4.3mm x 8.0mm)
Material	Polyethylene
Color	Black

Mechanical

Tensile Strength	
Short Term	300 Foot Pounds - 1335 N
Long Term	90 Foot Pounds - 405 N
Crush Resistance	
Short Term	224 Foot Pounds - 1000 N
Long Term	67 Foot pounds - 300 N
Minimum Bend Radius	
Dynamic	20 x Diameter
Static	10 x Diameter
Temperature Range	-40 to 140°F (-40 to 60°C)
Weight per KM	50 KG
Standard Reel Length	3 KM
Reel Size	30 x 29" wide

Glass Specification

Type	Single Mode
Specifications	G.657A2
Maximum Attenuation	1310 nm ≤ 0.32 dB/Km 1490 nm ≤ 0.21 dB/Km 1550 nm ≤ 0.18 dB/Km 1625 nm ≤ 0.20 dB/Km
Dispersion	1550 nm ≤ 18.0[ps/(nm/Km)] 1625 nm ≤ 22.0[ps/(nm/Km)]