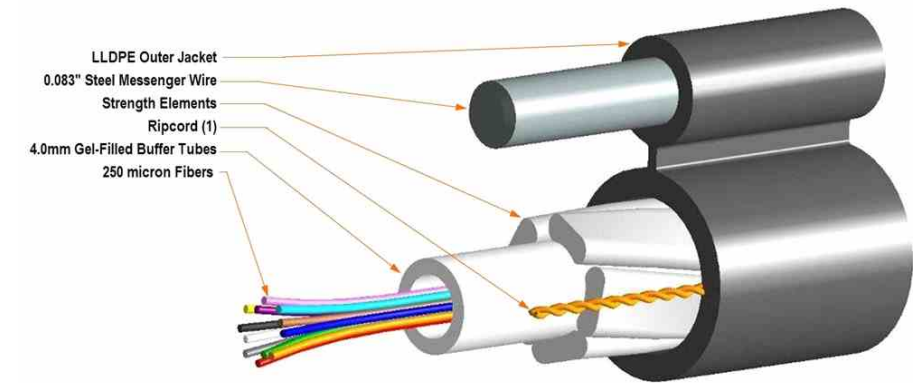


760136119 | M-006-DN-6F-F06NS/40G/GSM
Self-Support Figure-8 Single Jacket Non-Armor Arid-Core Drop Cable

Representative Image



General Specifications

Cable Type	Central loose tube
Construction Type	Non-armored
Subunit Type	Gel-filled

Construction Materials

Fiber Type Solution	OptiSPEED®, 62.5 µm multimode fiber (OM1)
Jacket Material	PE
Total Fiber Count	6
Fiber Type	OptiSPEED®, 62.5 µm multimode fiber (OM1)
Fiber Type, quantity	6
Fibers per Subunit, quantity	6
Jacket Color	Black
Jacket UV Resistance	UV stabilized

Dimensions

Buffer Tube/Subunit Diameter	4.00 mm 0.16 in
Cable Weight	46.0 lb/kft 69.0 kg/km
Diameter Over Jacket	6.80 mm 0.27 in
Diameter Over Messenger Jacket	3.40 mm 0.13 in
Height Over Jacket	11.50 mm 0.45 in
Subunit, quantity	1

Physical Specifications

Minimum Bend Radius, loaded	10.2 cm 4.0 in
-----------------------------	------------------

760136119 | M006-DN-6F-F06NS/40G/GSM

Minimum Bend Radius, unloaded	6.8 cm		2.7 in
Tensile Load, long term, maximum	400 N		90 lbf
Tensile Load, short term, maximum	1334 N		300 lbf
Vertical Rise, maximum	1938.0 ft		591.0 m

Environmental Specifications

Environmental Space	Aerial, self-support		Buried
Installation Temperature	-30 °C to +70 °C (-22 °F to +158 °F)		
Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)		
Storage Temperature	-40 °C to +75 °C (-40 °F to +167 °F)		

Mechanical Test Specifications

Compression	10 N/mm		57 lb/in
Compression Test Method	FOTP-41		IEC 60794-1 E3
Flex	35 cycles		
Flex Test Method	FOTP-104		IEC 60794-1 E6
Impact	1.63 ft lb		2.21 N-m
Impact Test Method	FOTP-25		IEC 60794-1 E4
Strain	See long and short term tensile loads		
Strain Test Method	FOTP-33		IEC 60794-1 E1
Twist	10 cycles		
Twist Test Method	FOTP-85		IEC 60794-1 E7
Water Penetration	24 h		
Water Penetration Test Method	FOTP-82		IEC 60794-1 F5

Environmental Test Specifications

Cable Freeze	-2 °C		28 °F
Cable Freeze Test Method	FOTP-98		IEC 60794-1 F15
Drip	70 °C		158 °F
Drip Test Method	FOTP-81		IEC 60794-1 E14
Heat Age	-40 °C to +85 °C (-40 °F to +185 °F)		
Heat Age Test Method	IEC 60794-1 F9		
Low High Bend	-30 °C to +60 °C (-22 °F to +140 °F)		
Low High Bend Test Method	FOTP-37		IEC 60794-1 E11
Temperature Cycle	-40 °C to +70 °C (-40 °F to +158 °F)		
Temperature Cycle Test Method	FOTP-3		IEC 60794-1 F1

Qualification Specifications

Cable Qualification Standards	ANSI/ICEA S-110-717		EN 187105		Telcordia GR-20
-------------------------------	---------------------	--	-----------	--	-----------------

Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

Included Products

760136119 | M006-DN-6F-F06NS/40G/GSM

CS-6F-LT (Product Component—not orderable) — OptiSPEED® OM1 Multimode Fiber