

DRHC-9-01X12-D-KH-D OFNR BK

FIBEROPTICS

P/N F9012018LB

TELECOM

Applications

CATV and DataCom, General purpose indoor/outdoor LAN, Long Distance OSP, Outdoor Plant Duct Installation



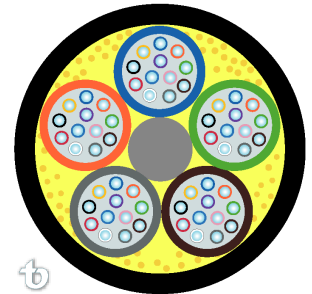
Outer Jacket Material
FR-LSZH



Outer diameter
11.0 mm nom.



Weight
124 kg/km



General Construction

This gel free cable contains 12 SM G652D color-coded optical fibers in one color-coded loose tube. The tube include a swellable yarn to prevent the ingress of water. The tube and 4 fillers are SZ stranded around of a dielectric central strength member. Aramid yarns reinforce the cable core and an outer jacket completes the cable structure.

The cable is designed to comply with following standards:

ANSI/ICEA S-87-640-2006, GR-20-CORE, UL1666 CSA-FT4 Vertical Flame Test

Design & Materials

Buffer Material	FR-LSZH
Tube Diameter (mm nom)	2.5
Color Code	Per TIA/EIA 598-D
Central Strength Member (O.D. nom)	FRP
Cabling	SZ
Strength Elements	Swellable Aramid Yarns
Fiber Containing Tubes	1
Total Number Of Elements	5
Number Of Fibers	12
Waterblocking	Waterblocking Tape
2 Rip Cords Positioned Diametrically Opposite	Yes
Outer Jacket Color	Black
Marking	Teldor Standard

Performance

Max. Installation Tensile Load (N max.)	2700
Max. fiber strain at MIT (%)	0.6
Max. Residual Tension (MRS) (N max)	810
Max. Fiber Strain at MRS (%)	0.2
Impact Resistance (N*m)	10
Impact Resistance (cycles)	3
Max. Crush Resistance (N/cm)	400
Min. Bend Radius for Installation (mm)	20xD
Min. Bend Radius for Operation (mm)	10xD
Repeated Bending (cycles)	25
Torsion (L=125 x d) (cycles)	10
Min. Installation Temperature (°C)	-10
Max. Installation Temperature (°C)	+60
Min. Operating Temperature (°C)	-40
Max. Operating Temperature (°C)	+75
Min. Storage Temperature (°C)	-40
Max. Storage Temperature (°C)	+75
UV Resistance	Yes
Waterblocking	Yes

Standards

Flammability Rating

IEC 60332-1
IEC 60332-3
IEC 60754
IEC 60754-1
IEC 60754-1/2
IEC 60754-2
IEC 61034
IEC 61034-1/2
UL OFNR

Applicable Standards

IEC 60794
IEC 60794-1-21/22
ISO/IEC 11801-1
TIA/EIA-568
ASTM G154
RoHS 3 2015/863/EU



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