

DLT-500-192/OM4

Fiber Optic Cable OM4 torr LT 192F Dca Indoor/Outdoor
P/N F31921605Z

Applications

CATV and DataCom, Direct burial, General purpose indoor/outdoor LAN, Long Distance OSP



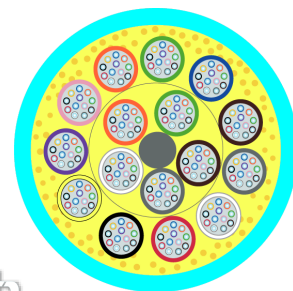
Outer Jacket Material
FR-LSZH



Outer diameter
15.5 mm nom.



Weight
215 kg/km



General Construction

This gel free cable contains 192 MM OM-4 color-coded optical fibers in 16 color-coded loose tubes. These tubes include a swellable yarn to prevent the ingress of water and are SZ stranded in two layers (5+11) around a dielectric central strength member. Waterblocking fiber-glass strength yarns reinforce the cable core and an outer jacket completes the cable design.

Design & Materials

Buffer Material	HFFR
Tube Diameter (mm nom)	2.5
Color Code	Per TIA/EIA 598-D
Central Strength Member (O.D. nom)	FRP
Cabling	SZ
Strength Elements	E-Glass Yarns
Fiber Containing Tubes	16
Total Number Of Elements	16
Number Of Fibers	192
Waterblocking	Dry Waterblocking
Rip-Cord	Yes
Outer Jacket Color	Turquoise
Marking	Teldor Standard

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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)	-30
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
EN 50575:2014 D_{ca}s1d1a1 (CPR)

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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