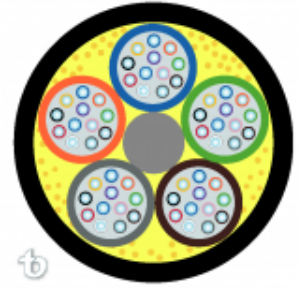


Dry Loose Tube Fiber Optic Cable

Part Number: **DLT-620-48**

Applications: CATV and DataCom, General purpose indoor/outdoor LAN, Long Distance OSP

General Construction: This gel free cable contains 48 multi-mode 62.5/125 μm color-coded optical fibers in 4 color-coded loose tube. This tube includes a swellable yarn to prevent the ingress of water and SZ stranded with 1 filler around a dielectric central strength member. Waterblocking tape is longitudinally added over the cable core. Waterblocking fiber-glass strength yarns reinforce the cable core and an outer jacket completes the cable design. A rip cord is added under the jacket to facilitate removal.



Outer Jacket Material: FR-LSZH
Outer Diameter: 10 mm nom.
Weight: 88 kg/km

Design & Materials

Buffer Material:	Polypropylene
Tube Diameter:	2.5 mm nom.
Central Strength Member:	FRP
Cabling:	SZ
Strength Elements:	E-Glass Yarns
Fiber Containing Tubes:	4
Total Number of Tubes:	5
Number of fibers:	48
Waterblocking:	Dry Waterblocking, Waterblocking Tape
Rip-Cord:	Yes
Outer Jacket Thickness:	1.3 mm nom.
Outer Jacket Color:	Green RAL 6018
Marking:	Teldor Standard

Standards

Applicable Standards:	IEC 60794-1-21/22, IEC 60794, ISO/IEC 11801, TIA/EIA-568, ASTM G154, RoHS-2 2011/65/EU
Flamability Rating:	IEC 60332-1
Installation:	Guidelines as per IEC 60794-1-1 Annex A

Performance

Tensile Strength - Short Term:	2000 N max.
Tensile Strength - Long Term:	1200 N max.
Impact Resistance:	10 N*m
Impact Resistance:	3 cycles
Max. Crush Resistance:	400 N/cm
Min. Bend Radius for Installation:	20xD mm
Min. Bend Radius for Operation:	10xD mm
Repeated Bending:	25 cycles
Torsion (L= 125 x d):	10 cycles
Max. Operating Temperature:	+70 °C
Min. Operating Temperature:	-25 °C
Max. Installation Temperature:	+45 °C
Min. Installation Temperature:	-20 °C
Max. Storage Temperature:	+70 °C
Min. Storage Temperature:	-25 °C
UV resistance:	Yes
Waterblocking:	Yes

Alcadon

Prepared By	Revised By	Version Num	Modified on
Amos Amsalem	David Miller	1.2	15-06-2016

Teldor Cables & Systems Ltd. ("Teldor") reserves the right to make changes to the products described in this catalog without prior notice. Teldor does not assume any liability which may occur due to the use of the products described herein. Drawings may not be to scale and are provided for general and informational purposes only. The information contained in this catalog is the proprietary property of Teldor, and may not be used, reproduced or disclosed to others, in whole or in part, without the written authorization of Teldor.

Alcadon AB www.alcadon.se info@alca.se

Alcadon a/s www.alcadon.no

Teldor Cables & Systems Ltd. Ein-Dor, 19335
Stockholm, Sweden P/N: F60480428E
08-657 36 00 031-709 45 05 040-31 22 60

ISRAEL Oslo salg@alcadon.no
Tel: +972-4-6770555
23 17 78 80

Fax: +972-4-6770650
2-22

Alcadon