

DRC-9-02x12-D-ZP-D BK

Part Number: **F902402F0B**

Applications: Blown Installation, CATV and DataCom, Long Distance OSP, Outdoor Plant Duct Installation

General Construction: This gel free cable contains 24 SM G652D color-coded optical fibers in 2 color-coded loose tubes, each tube containing 12 fibers. The tubes include a swellable yarn to prevent the ingress of water and are SZ stranded with 3 fillers around a dielectric central strength member. Swellable fiber-glass strength yarns reinforce the cable core and an outer jacket completes the cable structure.



Outer Jacket Material: PE
Outer Diameter: 10 mm nom.
Weight: 75 kg/km

Design & Materials

Buffer Material:	Polypropylene
Tube Diameter:	2.5 mm nom.
Conductor Color Code:	Fiber Color Code:
Central Strength Member:	FRP
Cabling:	SZ
Strength Elements:	E-Glass Yarns
Fiber Containing Tubes:	2
Total Number of Tubes:	5
Number of fibers:	24
Waterblocking:	Dry Waterblocking
Rip-Cord:	Yes
Outer Jacket Color:	Black
Marking:	Teldor Standard

Standards

Applicable Standards:	IEC 60794, ISO/IEC 11801-1, TIA/EIA-568, ASTM G154, RoHS-2 2011/65/EU
Installation:	Guidelines as per IEC TR 62691

Performance

Tensile Strength - Short Term:	2700 N max.
Tensile Strength - Long Term:	1600 N max.
Impact Resistance:	4.4 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
Max. Operating Temperature:	+70 °C
Min. Operating Temperature:	-40 °C
Max. Storage Temperature:	+70 °C
Min. Storage Temperature:	-40 °C
UV Resistance:	Yes
Waterblocking:	Yes

Prepared By	Revised By	Version Num	Modified on
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Teldor Cables & Systems Ltd. - Ein-Dor, 1933500

ISRAEL

Tel: +972 4 6770555

Fax: +972 4 6770650