

## DRC-9-12x12-D-P-D BK

F914412C1B **Part Number:** 

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

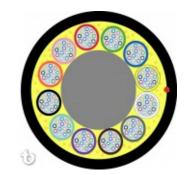
This gel free cable contains 144 color- coded optical fibers in 12 color-coded loose tubes, each tube containing 12 fibers. The **General Construction:** 

tubes include a swellable yarn to prevent the ingress of water and are SZ stranded around a dielectric central strength member. Fillers are used as needed to preserve cable geometry. An outer

jacket completes the cable structure.

**Outer Jacket Material:** 

**Outer Diameter:** 15.5 mm nom. Weight: 165 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	
Fiber Containing Tubes:	12	
<b>Total Number of Tubes:</b>	12	
Number of fibers:	144	
Waterblocking:	Dry Waterblocking	
Rip-Cord:	Yes	
Outer Jacket Thickness:	1.5 mm nom.	
Outer Jacket Color:	Black	
Marking:	Teldor Standard	

## **Standards**

Applicable Standards:	IEC 60794-1-21/22, IEC 60794, ISO/IEC 11801-1, TIA/EIA-568, ASTM G154, RoHS 3 2015/863/EU
Installation:	Guidelines as per IEC TR 62691

P/N: F914412C1B 1/2

#### Performance

	2700 N
Max. Installation Tensile Load :	2700 N max.
Max. fiber strain at MIT:	0.6 %
Max. Residual Tension (MRS):	810 N max.
Max. Fiber Strain at MRS.:	0.2 %
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:	-40 °C
Max. Installation Temperature:	+45 °C
Min. Installation Temperature:	-20 °C
Max. Storage Temperature:	+70 °C
Min. Storage Temperature:	-40 °C
UV Resistance:	Yes
Waterblocking:	Yes

### **Fiber Properties:**

Prepared By	Revised By	Version Num	Modified on
teldor com	David Miller	1.9	04-02-2020

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P/N: F914412C1B 2 / 2