

DRC-9-08x12-D-ZRP-D BK

Part Number: **F909608E7B**

Applications:

Blown Installation, CATV and DataCom, Direct Burial Campus Backbone, General purpose armored Outdoor, Long Distance OSP, Outdoor Plant Duct Installation, Rugged environments

General Construction:

This gel free cable contains 96 color-coded Corning SMF-28 e+ optical fibers in 8 color-coded loose tubes. The tubes include swellable yarns to prevent the ingress of water and are SZ stranded around a dielectric central strength member. An Easy Bond corrugated steel armor for easy separation between armor and jacket is longitudinally applied over the swellable fiber-glass strength yarns which reinforce the cable core. An outer jacket is extruded over the armoring.



Outer Jacket Material:

PE

Outer Diameter:

14.5 mm nom.

Weight:

192 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
Armor:	Yes
Armoring:	Corrugated Steel
Armor Thickness (um):	150 µm
Fiber Containing Tubes:	8
Number of fibers:	96
Waterblocking:	Dry Waterblocking
Rip-Cord:	Yes
2 Rip Cords Position Oposite Diametrically:	Yes
Outer Jacket Color:	Black
Marking:	Per request

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

Performance

Tensile Strength - Short Term:	2700 N max.
Tensile Strength - Long Term:	1600 N max.
Impact Resistance:	10 N*m
Impact Resistance:	3 cycles
Max. Crush Resistance:	500 N/cm
Min. Bend Radius for Installation:	20xD mm
Min. Bend Radius for Operation:	20xD 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	1.5	16-07-2019

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