

## DRC-9-24x12-D-RP-D BK

**Part Number:** F92882447B

**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 288 SM G652D color-coded optical fibers in 24 color-coded loose tubes. The tubes include swellable yarn to prevent the ingress of water and are SZ stranded around a dielectric central strength member. Corrugated steel armor is longitudinally applied over the cable core. An outer jacket is extruded over the armoring.



**Outer Jacket Material:** PE  
**Outer Diameter:** 19.7 mm nom.  
**Weight:** 317 kg/km

### Design & Materials

<b>Buffer Material:</b>	Polypropylene
<b>Tube Diameter:</b>	2.5 mm nom.
<b>Conductor Color Code:</b>	<a href="#">Fiber Color Code:</a>
<b>Central Strength Member:</b>	FRP
<b>Cabling:</b>	SZ
<b>Armor:</b>	Yes
<b>Armoring:</b>	Corrugated Steel
<b>Armor Thickness (um):</b>	150 µm
<b>Fiber Containing Tubes:</b>	24
<b>Number of fibers:</b>	288
<b>Waterblocking:</b>	Dry Waterblocking
<b>Rip-Cord:</b>	Yes
<b>2 Rip Cords Position Oposite Diametrically:</b>	Yes
<b>Outer Jacket Color:</b>	Black
<b>Marking:</b>	Per request

### Standards

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

## Performance

<b>Max. Installation Tensile Load :</b>	3300 N max.
<b>Max. Residual Tension (MRS) :</b>	2000 N max.
<b>Impact Resistance:</b>	10 N*m
<b>Impact Resistance:</b>	3 cycles
<b>Max. Crush Resistance:</b>	500 N/cm
<b>Min. Bend Radius for Installation:</b>	20xD mm
<b>Min. Bend Radius for Operation:</b>	20xD mm
<b>Repeated Bending:</b>	25 cycles
<b>Torsion (L=125 x d):</b>	10 cycles
<b>Drip Test:</b>	80 °C
<b>Max. Operating Temperature:</b>	+70 °C
<b>Min. Operating Temperature:</b>	-40 °C
<b>Max. Installation Temperature:</b>	+45 °C
<b>Min. Installation Temperature:</b>	-20 °C
<b>Max. Storage Temperature:</b>	+70 °C
<b>Min. Storage Temperature:</b>	-40 °C
<b>UV Resistance:</b>	Yes
<b>Waterblocking:</b>	Yes

<b>Prepared By</b>	<b>Revised By</b>	<b>Version Num</b>	<b>Modified on</b>
teldor.com	Zuri Balal	1.7	08-09-2020

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