

DRC-9-08X12-D-ZP-D BK

Part Number: F909608S5B

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

General Construction: This gel free cable contains 96 SM G652D color-coded optical fibers in 8 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 around a dielectric central strength member. Swellable fiber-glass strength yarns reinforce the cable core and an outer jacket completes the cable structure. The cable is designed to comply with UL Outdoor cables standard and BS EN 60793-2, TIA/EIA-598-B.

Outer Jacket Material: PE

Outer Diameter: 12.1 mm nom.

Weight: 100 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:	8
Number of fibers:	96
Waterblocking:	Dry Waterblocking
Rip-Cord:	Yes
Outer Jacket Color:	Black
Marking:	Teldor Standard

Standards

Applicable Standards:	IEC 60794-1-21/22, IEC 60794
Installation:	Guidelines as per IEC TR 62691

Performance

Max. Installation Tensile Load :	2700 N max.
Max. Residual Tension (MRS) :	1600 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:	-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

Prepared By	Revised By	Version Num	Modified on
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