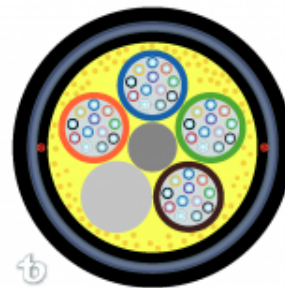


DRC-F-TTxNN-D-ZPRP-DD BK

Part Number: **FxNNNTT••B**

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:	The gel free cable contains up to 432 color-coded optical fibers in up to 36 color-coded loose tubes, each tube containing up to 12 fibers. The tubes include a swellable yarn to prevent the ingress of water and SZ stranded around a dielectric central strength member. Fillers are used as needed to preserve cable geometry. An inner jacket is extruded over the fiber-glass strength yarns which reinforce the cable core. A corrugated steel armor is longitudinally applied over the inner jacket. The outer jacket is extruded over the armoring completes the cable structure.



Design & Materials

Buffer Material:	Polypropylene
Tube Diameter:	2.5 mm nom.
Central Strength Member:	FRP
Cabling:	SZ
Strength Elements:	E-Glass Yarns
Armor:	Yes
Armoring:	Corrugated Steel
Armor Thickness (um):	150 µm
Total Number of Tubes:	Up to 36
Number of fibers:	Up to 432
Waterblocking:	Dry Waterblocking
Rip-Cord:	Yes
Outer Jacket Color:	Black
Marking:	Per request

Standards

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

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Performance

Tensile Strength - Short Term:	2700 or the equivalent of the cable weight per km, whichever is higher N max.
Tensile Strength - Long Term:	60% of Max. Tensile Strength - Short Term N max.
Impact Resistance:	4.4 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
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

Alternatives:

P/n	Product Description	No. of Fibers	Cable Diameter (mm)	Weight (kg/km)
F901201K6B	DRC-9-01X12-D-ZPRP-DD#S BK	12	14.0	190
F902402F7B	DRC-9-02X12-D-ZPRP-DD#S BK	24	14.0	190
F90360371B	DRC-9-03X12-D-ZPRP-DD#S BK	36	14.0	190
F904804N7B	DRC-9-04X12-D-ZPRP-DD#S BK	48	14.0	190
F90600529B	DRC-9-05X12-D-ZPRP-DD#S BK	60	14.0	190
F907206D1B	DRC-9-06X12-D-ZPRP-DD#S BK	72	14.5	195
F90840708B	DRC-9-07X12-D-PRP-DD#S BK	84	15.0	205
F909608G0B	DRC-9-08X12-D-PRP-DD#S BK	96	16.0	225
F914412B3B	DRC-9-12X12-D-PRP-DD#S BK	144	19.0	320
F92882465B	DRC-9-24X12-D-ZPRP-DD#S BK	288	22.0	390

For additional fiber counts, please [contact the Teldor Sales Department.](#)

Prepared By	Revised By	Version Num	Modified on
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