

DRC-F-TTxNN-D-ZP-D BK

Part Number: **F10000045B**

- Applications:** Blown Installation, CATV and DataCom, Long Distance OSP, Outdoor Plant Duct Installation
- General Construction:** This 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. If needed, Swellable fiber-glass strength yarns reinforce the cable core and an outer jacket completes the cable structure.
- Outer Jacket Material:** PE
- Outer Diameter:** 0.001 mm nom.
- Weight:** 0.001 kg/km



Design & Materials

Buffer Material:	Polypropylene
Tube Diameter:	2.5 mm nom.
Central Strength Member:	FRP
Cabling:	SZ
Strength Elements:	E-Glass Yarns
Total Number of Tubes:	Up to 36
Waterblocking:	Dry Waterblocking
Rip-Cord:	Yes
Outer Jacket Color:	Black
Marking:	Teldor Standard

Standards

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

Performance

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
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

Fiber Properties:

Alternatives:

P/n	Product Description	No. of Fibers	Cable Diameter (mm)	Cable Weight (Kg/Km)
F90040197B	DRC-9-01X04-D-ZP-D BK	4	10	75
F900601A8B	DRC-9-01X06-D-ZP-D BK	6	10	75
F90080199B	DRC-9-01X08-D-ZP-D BK	8	10	75
F90360687B	DRC-9-06X06-D-ZP-D BK	36	10.5	80
F901201J8B	DRC-9-01X12-D-ZP-D BK	12	10	75
F902402F0B	DRC-9-02X12-D-ZP-D BK	24	10	75
F90360379B	DRC-9-03X12-D-ZP-D BK	36	10	75
F904804M5B	DRC-9-04X12-D-ZP-D BK	48	10	75
F90600546B	DRC-9-05X12-D-ZP-D BK	60	10	75
F907206C5B	DRC-9-06X12-D-ZP-D BK	72	10.5	85
F90840719B	DRC-9-07X12-D-ZP-D BK	84	11.5	100
F909608G7B	DRC-9-08X12-D-P-D BK	96	12.5	105
F91080913B	DRC-9-09X12-D-P-D BK	108	12.5	115
F91201025B	DRC-9-10X12-D-P-D BK	120	14	130
F91321105B	DRC-9-11X12-D-P-D BK	132	14.6	145
F914412C1B	DRC-9-12X12-D-P-D BK	144	15.5	165
F91801507B	DRC-9-15X12-D-P-D BK	180	15.5	150
F91921646B	DRC-9-16X12-D-ZP-D BK	192	15.5	145
F92041704B	DRC-9-17X12-D-ZP-D BK	204	15.5	155
F92161812B	DRC-9-18X12-D-ZP-D BK	216	15.5	150
F92402013B	DRC-9-18X12-D-ZP-D BK	240	16.2	170
F92882448B	DRC-9-24X12-D-P-D BK	288	18.0	200
F94323610B	DRC-9-36X12-D-ZP-D BK	432	20.5	240

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

Prepared By	Revised By	Version Num	Modified on
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