LDC-F-AXB-D-ZPRP-DD#S BK

Part Number:	**QF901202E0B**

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 cable contains Up to 72Fibers G652D color-coded optical fibers contained in color-coded loose tubes. These tubes are filled with a thixotropic gel to prevent the ingress of water and SZ stranded with fillers around a dielectric central strength member. 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. The cable is design according to NGTS 3.8.32
	Fibers color code: Red Green Blue White Violet Orange
	Tubes color code: Blue Orange
Outer Jacket Material:	PE
Outer Diameter:	14.7 mm nom.
Weight:	216 kg/km

Design & Materials

Buffer Material:	PBT
Tube Diameter:	2.5 mm nom.
Central Strength Member:	FRP
Cabling:	SZ
Strength Elements:	E-Glass Yarns
Inner Jacket Material:	PE
Armor:	Yes
Armoring:	Corrugated Steel
Armor Thickness (um):	150 µm
Total Number of Tubes:	Up to 6
Number of fibers:	12 per tube
Waterblocking:	Dry Waterblocking
Outer Jacket Color:	Black
Marking:	Per request

Standards

Applicable Standards:	IEC 60794, ISO/IEC 11801, TIA/EIA-568
Installation:	Guidelines as per IEC 60794-1-1 Annex A

Performance

Tensile Strength - Short Term:	4000 N max.
Tensile Strength - Long Term:	2000 N max.
Impact Resistance:	10 N*m
Impact Resistance:	3 cycles
Max. Crush Resistance:	5000N/100mm
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