

LDC-F-AXB-D-ZP-D#S BK

Part Number: QF60080211B

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

General Construction: This cable contains up to 72 color-coded optical fibers, contained in 6 color-coded loose tubes. These tubes are filled with thixotropic gel to prevent the ingress of water and are SZ stranded with fillers (if needed) around a dielectric central strength member. Fiber-glass strength yarns reinforce the cable core and an outer jacket completes the cable structure. The cable is design according to NGTS 3.8.7



Tubes colors: red, green.
Fillers colors: natural

Outer Jacket Material: HDPE

Outer Diameter: 12.2 mm nom.

Weight: 115 kg/km

Design & Materials

Buffer Material:	PBT
Tube Diameter:	2.5 mm nom.
Fiber or Tube Color Code:	Fibers color per TIA/EIA 598-C
Central Strength Member:	FRP
Cabling:	SZ
Strength Elements:	E-Glass Yarns
Number of fibers:	4 up to 72
Waterblocking:	Dry Waterblocking
Rip-Cord:	Yes

Outer Jacket Thickness:	2.2 mm nom.
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:	2300 N max.
Tensile Strength - Long Term:	1300 N max.
Impact Resistance:	10 N*m
Impact Resistance:	3 cycles
Max. Crush Resistance:	5000 N/100 mm
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. Installation Temperature:	+60 °C
Min. Installation Temperature:	-30 °C
Max. Storage Temperature:	+70 °C
Min. Storage Temperature:	-40 °C
UV resistance:	Yes
Waterblocking:	Yes