

ADSL-9-01X12-JP-D BK

FIBEROPTICS

P/N F901201CVB

TELECOM

Applications

Aerial Installations, Direct burial, Outdoor Plant Duct Installation



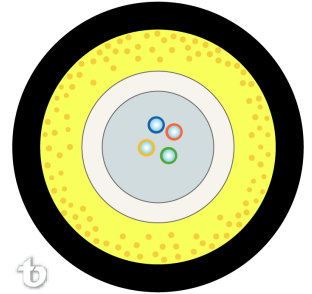
Outer Jacket Material
HDPE



Outer diameter
7.1 mm nom.



Weight
46 kg/km



General Construction

This All Dielectric Self-Supporting (ADSS) cable contains 12 SM G652 color-coded optical fibers. The cable contains one loose tube filled with thixotropic gel. The loose tube (natural) is reinforced and protected by strength yarns, and an outer jacket with a black, UV-resistant HDPE compound completes the cable's construction. Two rip cords under the jacket. Fibers color code: Red - Green - Blue - Yellow - Grey - Violet - Brown - Orange - White - Pink - Black - Turquoise.

Design & Materials

Buffer Material	PBT
Tube Diameter (mm nom)	3.1
Armor	Yes
Armoring	Glass Yarns
Number Of Fibers	12
Rip-Cord	Yes
Outer Jacket Color	Black
Marking	Per request

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Performance

NESC Class	LIGHT
Max. Span (m)	100
Sag (%)	1.0
Loading Tension (N)	1609
Max. Operational Tension (N)	557
Max. Wind Velocity (km/hr)	94.4
Extra Load (N/m)	0.73
MRCL (N)	4506
Initial Modulus (Gpa)	11.57
Impact Resistance (N*m)	10
Impact Resistance (cycles)	3
Max. Crush Resistance (N/cm)	220
Min. Bend Radius for Installation (mm)	20xD
Min. Bend Radius for Operation (mm)	10xD
Repeated Bending (cycles)	100
Torsion (L=125 x d) (cycles)	10
Min. Installation Temperature (°C)	- 20
Max. Installation Temperature (°C)	+45
Min. Operating Temperature (°C)	-15
Max. Operating Temperature (°C)	+60
Min. Storage Temperature (°C)	-20
Max. Storage Temperature (°C)	+60
Drip Test (°C)	80
UV Resistance	Yes
Rodent Resistance	Yes
Installation	Guidelines as per IEC TR 62263

Standards

Applicable Standards

IEC 60794
IEC 60794-1-21/22
EIA/TIA-455



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