Cable Specification

June 30, 2020

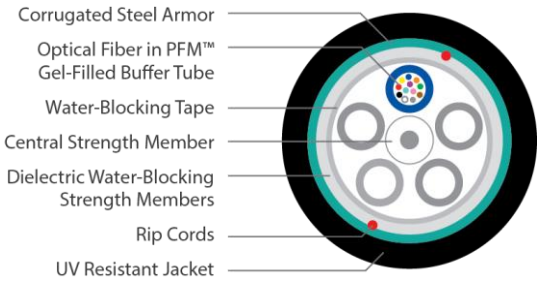
Part Number

12012KD0L

Product Name

Series 12 Dri-Lite Single Jacket Single Armor

12 ITU G.652.D / G.657.A1 RWP/Bend Insensitive Fibers



Application

Outside plant direct bury, conduit or aerial

Description

- 1 Gel free buffer tube with 12 fibers each
- Core is helically wrapped with fiberglass strength members
- Super absorbent polymer tape for water blocking
- Sunlight UV resistant MDPE jacket sequentially marked

Standards

- GR-20, RUS PE-90, EIA/TIA – 598, ICEA S 87-640

Fiber Specifications

Fiber Quantity	12
Mode Field Diameter	9.2 +/-4 Microns
Fiber Core Diameter	8.3 Microns
Fiber Type	ITU G.652.D / G.657.A1 RWP/Bend Insensitive Fibers
Fiber Designation	K
Maximum Attenuation	.35 dB/km @ 1310 nm .35 dB/km @ 1383 nm .25 dB/km @ 1550 nm
Cutoff Wavelength	<1260 nm

Cable Specifications

Nominal Outside Diameter		.46in (11.7 mm)
Nominal Weight		84 lbs/kft (125 kg/km)
Maximum Compression		125 lbf/in (220 N/cm)
Maximum Tensile Loading	Install Long Term	600 lbs (2700 N) 200 lbs (890N)
Minimum Bend Radius	Loaded Install Long Term	9.2 in (234 cm) 4.6 in (117 cm)
Temperature Range	Operating Storage/Shipping Installation	-40°C to +70°C -40°C to +70°C -30°C to +70°C