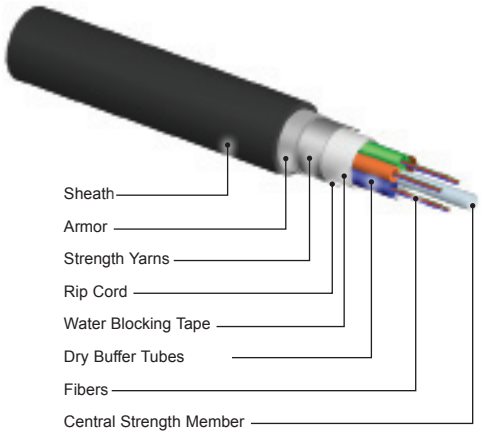
PureDri™ Loose Tube Cables

Single Armor/ Single Jacket



Features

- Dry Waterblocking Elements
- Industry Standard MDPE
- Reverse Oscillating Lay of the Buffer Tubes Facilitates Midspan Access
- Corrugated Steel Armor for Added Strength
- Up to 288 Fibers
- Complies With EIA/TIA, Telcordia, RUS, ICEA and IEC Requirements

Applications

The PureDri™ Loose Tube Single Jacket-Armor Sheath cable is composed of a corrugated steel armor layer with a single outer MDPE jacket. This express entry cable construction provides the necessary rodent protection and added compressive strength required for direct buried applications.

Dry waterblocking elements replace the flooding compound and buffer tube gel making PureDri™ a cleaner and faster cable to prepare than conventional flooded cables and gel filled buffer tubes. PureDri™ cables are lighter in weight making handling easier and helps to eliminate labor costs by removing the messy gel from your tools and work station.

Specifications

Property	Specification
Maximum Tensile Load During Installation	600 lbs
Maximum Recommended Service Load	200 lbs
Minimum Bend Radius (During/After Installation)	20/10 x Cable OD
Compression Resistance*	440 N/cm (248 lbs/in)
Installation Temperature Range	-30 to 60°C (-22 to 140°F)
Operation Temperature Range	-40 to 70°C (-40 to 158°F)

* 440N/cm versions available

Physical Characteristics

Fiber Count	Max. No. of Tubes	No. Fibers Per Tube	Diameter (mm)	Diameter (in.)	Weight (kg/km)	Weight (lbs/kft.)	Tube Entry Tool
2 to 60	5	12	11.6	0.46	127	85	BTR - 2
72	6	12	13.7	0.54	169	113	BTR - 2
74 to 108	9	12	16.2	0.63	236	159	BTR - 2
110 to 144	12	12	18.6	0.73	299	200	BTR - 2
146 to 216	18	12	19.7	0.76	318	213	BTR - 2
218 to 288	24	12	21.6	0.85	371	248	BTR - 2

Ordering Information

Create a Part Number by using this character set and codes:

SE - 1 V E 4444 - 5

1 Fiber Type*
5 = PureBand [ZWP] Single-mode Fiber

4 Fiber Count (4-digits)
Total number of fibers in the cable (0002 to 0288)

5 Fiber Attenuation Grades
A = Standard Single-mode 0.35/0.25 dB/km (1310/1550 nm)
B = Standard Single-mode 0.40/0.30 dB/km (1310/1550 nm)

* Contact Customer Service for other available fiber types

For ordering assistance, please contact Customer Service at 800-358-7378 or visit our website at: www.sumitomoelectric.com

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