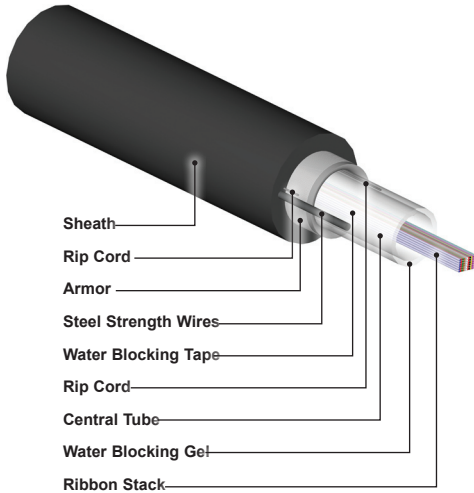


# PureRibbon™ Cables

## Armorlux® (Armored)



### Features

- Central Tube Provides Easy Midspan Access
- 12, 24 and 36-Optical Fiber Ribbons
- Patented Peelable Ribbon Matrix Material for Easy Fiber Access
- Industry Standard MDPE Sheath
- Corrugated Steel Armor with Steel Strength Wires
- Up to 864 Fibers
- Complies With EIA/TIA, Telcordia, RUS, ICEA and IEC Requirements

### Applications

The PureRibbon™ Armorlux optical cable is intended for direct buried and lashed aerial installations. The central tube design allows for greater fiber density, thus maximizing duct space and increasing productivity with mass splicing.

The steel armored sheath construction produces a rugged, rodent resistant cable and adds compressive strength required for direct buried applications.

## 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)

## Physical Characteristics

Fiber Count	Max. No. of Tubes	No. Fibers Per Ribbon	Diameter		Weight		Tube Entry Tool
			(mm)	(in.)	(kg/km)	(lbs/kft.)	
12 to 48	1	12	14.0	0.55	207	139	TS - 1.5
60 to 96	1	12	14.7	0.58	226	152	TS - 2
108 to 216	1	12	17.2	0.68	293	197	TS - 3
240 to 432	1	24	21.9	0.86	446	299	TS - 4
456 to 576	1	24	24.6	0.97	534	359	TS - 4
612 to 864	1	36	27.3	1.08	636	427	TS - 6

## Ordering Information

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

**SE - 1 R B 4444 - 5**

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

**4** Fiber Count (4-digits)  
 Total number of fibers in the cable (0012 to 0864)

**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