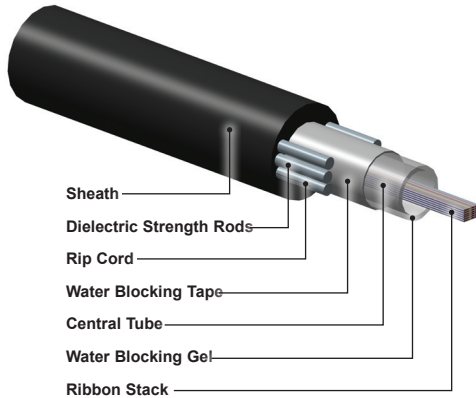


# PureRibbon™ Cables

## ADS™ (All-Dielectric Sheath)



### 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
- All-Dielectric Construction with Dielectric Strength Rods
- Up to 864 Fibers
- Complies With EIA/TIA, Telcordia, RUS, ICEA and IEC Requirements

### Applications

The PureRibbon™ ADS optical cable is intended for duct and lashed aerial installations. The all-dielectric sheath construction makes the cable immune to electrical currents and lightning strikes.

The central tube design allows for greater fiber packing density, thus maximizing duct space and increasing productivity with mass splicing.

### 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	220 N/cm (124 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 (mm)	Diameter (in.)	Weight (kg/km)	Weight (lbs/kft.)	Tube Entry Tool
12 to 48	1	12	12.5	0.49	128	86	TS - 1.5
60 to 96	1	12	14.0	0.55	164	110	TS - 2
108 to 144	1	12	14.7	0.58	178	119	TS - 2.5
156 to 216	1	12	17.0	0.67	233	156	TS - 3
240 to 288	1	24	18.9	0.74	297	199	TS - 4
312 to 432	1	24	20.9	0.82	341	229	TS - 4
468 to 864	1	36	25.0	0.98	463	311	TS - 6

### Ordering Information

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

**SE - 1 R D 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

\* Contact Customer Service for other available fiber types