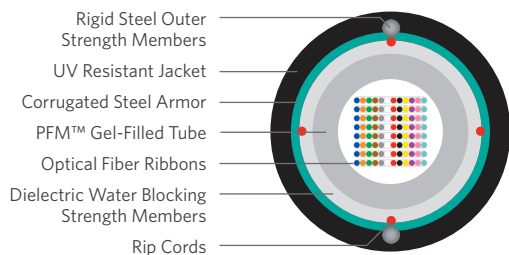


Single Tube Ribbon Single Armor

Series R2



PRODUCT DESCRIPTION

Single Tube Ribbon Single Armor Cable is designed for Outside Plant (OSP) applications, specifically direct buried, lashed aerial and underground duct applications. Our industry leading optical ribbons are manufactured with high dimensional precision and low planarity, which equates to low losses during mass fusion splicing. The Single Tube Ribbon Single Armor cable features optical ribbons inside a single PFM™ gel-filled tube. The core tube includes up to twenty-four 12-fiber or 24-fiber ribbons. Each 12-fiber ribbon unit is discretely identified and captured in an easy peel matrix for ease of ribbon breakout and management. The core tube is wrapped with a water-blocking tape. A corrugated steel armor and longitudinal strength elements are applied over the core tube and encased within a black jacket. Rip cords are included under the armor for easy access to the core tube.

APPLICATIONS

- Direct bury
- Broadband network
- Local loop
- Trunk, distribution and feeder cables

FEATURES

- Available with up to 576-fiber
- Multiple fiber types available
- Metallic outer strength members
- Highly flexible tube
- Corrugated steel armor
- Ribbon fiber
- Meets or exceeds Bellcore and RDUP specifications
- PFM gel

BENEFITS

- High fiber density
- Multiple network applications
- Metallic design offers easy location
- Easy handling and easy tube access
- Compressive strength, rodent protection and ease of location
- Saves labor cost by offering mass fusion splicing
- Industry approved
- Non-sticky gel allows for easier and faster clean up

SPECIFICATIONS

Fiber Count	Available in 12-fiber up to 576-fiber
Standards Compliance	Telcordia® GR-20-CORE RDUP PE-90 Designation SLT-R RoHS-compliant

Telcordia is a registered trademark of Ericsson Inc.

ENVIRONMENTAL SPECIFICATIONS

Operation/Storage	-40°C to +70°C
Installation	-30°C to +70°C

PART NUMBER KEY

R	2	_	_	_	x	1	S	y
1	2	3	4	5	6	7	8	9
Product family	Fiber count (012-432)	Fiber type	Internal designator	Water block/ marking (1-8)				

Contact Customer Service for availability of non-standard offerings.

PART NUMBERS AND PHYSICAL CHARACTERISTICS

Part Number ¹	Fiber Count	Nominal Diameter in (mm)	Nominal Weight lbs/kft (kg/km)	Maximum Tensile Loading		Minimum Bend Radius	
				Install lbs (N)	Long Term lbs (N)	Install in (mm)	Long Term in (mm)
R2012x1Sy	12	0.51 (13.0)	118 (175)	600 (2,700)	200 (890)	10.2 (259)	5.1 (130)
R2024x1Sy	24	0.51 (13.0)	118 (175)	600 (2,700)	200 (890)	10.2 (259)	5.1 (130)
R2036x1Sy	36	0.51 (13.0)	118 (175)	600 (2,700)	200 (890)	10.2 (259)	5.1 (130)
R2048x1Sy	48	0.51 (13.0)	118 (175)	600 (2,700)	200 (890)	10.2 (259)	5.1 (130)
R2072x1Sy	72	0.58 (15.0)	150 (223)	600 (2,700)	200 (890)	11.6 (295)	5.8 (147)
R2096x1Sy	96	0.58 (15.0)	150 (223)	600 (2,700)	200 (890)	11.6 (295)	5.8 (147)
R2144x1Sy	144	0.66 (17.0)	187 (279)	600 (2,700)	200 (890)	13.2 (335)	6.0 (152)
R2192x1Sy	192	0.66 (17.0)	195 (290)	600 (2,700)	200 (890)	13.6 (345)	6.8 (173)
R2216x1Sy	216	0.66 (17.0)	195 (290)	600 (2,700)	200 (890)	13.6 (345)	6.8 (173)
R2288x1Sy	288	0.84 (21.0)	256 (381)	600 (2,700)	200 (890)	16.8 (420)	8.4 (210)
R2360x1Sy	360	0.84 (21.0)	256 (381)	600 (2,700)	200 (890)	16.8 (420)	8.4 (210)
R2432x1Sy	432	0.84 (21.0)	256 (381)	600 (2,700)	200 (890)	16.8 (420)	8.4 (210)
R2576x1Sy	576	0.87 (22.0)	310 (461)	600 (2,700)	200 (890)	17.4 (440)	8.7 (220)

FIBER TYPES:

SINGLE MODE

Reduced Water Peak	Zero Water Peak	TeraFlex® Bend Resistant G.657.A1	NZDS	LEAF
¹ Replace "x" with:	3	2	K	8 S

See "Optical Fiber Specifications" in the "Technical Info" section for detailed fiber type specifications.

WATER BLOCK AND JACKET PRINT CODES

Dry core	Dry core special		
Feet	Meters	Feet	Meters
¹ Replace "y" with:	1	2	5 6

CONTACT US



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