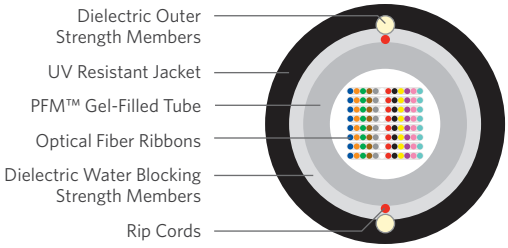
PRODUCT DESCRIPTION

Single Tube Ribbon Cable is designed for Outside Plant (OSP) applications, specifically lashed aerial and underground duct installations. Our industry leading optical ribbons are manufactured with high dimensional precision and low planarity, which equates to low losses during mass fusion spicing. The Single Tube Ribbon 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. Longitudinal strength elements are applied over the core tube and encased within a black jacket. A rip cord is included under the jacket for easy access to the core tube.



APPLICATIONS

- Lashed aerial, underground duct
- Broadband network
- Local loop
- Trunk, distribution and feeder cables

FEATURES	BENEFITS
• Available with up to 576-fiber	• High fiber density
• Multiple fiber types available	• Multiple network applications
• Dielectric strength members	• Dielectric design eliminates grounding issues
• Highly flexible tube	• Easy handling and easy tube access
• Ribbon fiber	• Saves labor cost by offering mass fusion splicing
• Meets or exceeds Bellcore and RDUP specifications	• Industry approved
• PFM gel	• 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	1	_	_	_	x	1	0	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

				Maximum Tensile Loading		Minimum Bend Radius	
Part Number[1]	Fiber Count	Nominal Diameter in (mm)	Nominal Weight lbs/kft (kg/km)	Install lbs (N)	Long Term lbs (N)	Install in (mm)	Long Term in (mm)
R1012x10y	12	0.47 (12.0)	71 (106)	600 (2,700)	200 (890)	9.4 (239)	4.7 (119)
R1048x10y	48	0.47 (11.9)	71 (106)	600 (2,700)	200 (890)	9.4 (239)	4.7 (119)
R1072x10y	72	0.57 (14.5)	96 (143)	600 (2,700)	200 (890)	11.4 (290)	5.7 (145)
R1096x10y	96	0.57 (14.5)	96 (143)	600 (2,700)	200 (890)	11.4 (290)	5.7 (145)
R1144x10y	144	0.63 (15.9)	120 (178)	600 (2,700)	200 (890)	12.6 (320)	6.3 (160)
R1216x10y	216	0.67 (17.0)	138 (206)	600 (2,700)	200 (890)	13.4 (340)	6.7 (170)
R1288x10y	288	0.79 (20.0)	180 (267)	600 (2,700)	200 (890)	15.8 (401)	7.9 (201)
R1432x10y	432	0.79 (20.0)	188 (280)	600 (2,700)	200 (890)	15.8 (401)	7.9 (201)
R1576x1Sy	576	0.79 (20.0)	237 (353)	600 (2,700)	200 (890)	15.8 (401)	7.9 (201)

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