

Dri-Lite® Ribbon Single Armor

Series R2D

PRODUCT DESCRIPTION

Dri-Lite® Ribbon Single Armor Cable is a totally gel-free cable designed for Outside Plant (OSP) application, 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 cable features optical ribbons inside a gel-free tube which contains dry water-blocking elements. The core tube contains up to twenty-four 12-fiber or 24-fiber ribbons. Each 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

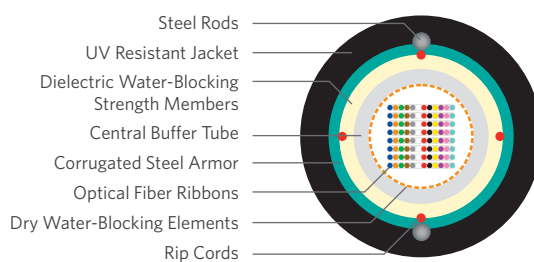
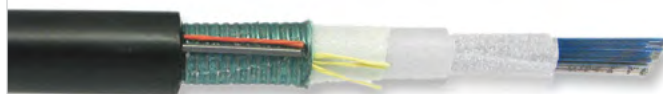
- Direct bury
- Lashed aerial
- Underground duct
- Broadband network

FEATURES

- Gel-free water-blocking technology
- Available with up to 576-fiber
- Multiple fiber types available
- Highly flexible tube
- Meets or exceeds Telcordia® and RDUP specifications
- Small outer diameter
- Industry leading planarity

BENEFITS

- Reduces preparation time and labor cost
- High fiber density
- Multiple network applications
- Easier handling and reduced loss
- Industry approved
- Up to 576 optical fibers in less than a 1 inch nominal diameter
- Excellent mass splicing results



SPECIFICATIONS

Fiber Count	Available in 12-fiber up to 576-fiber
Standards Compliance	Telcordia® GR-20-CORE RDUP PE-90 Designation R2D

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	D	S	y
1	2	3	4	5	6	7	8	9
Product family	Fiber count (012-576)				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)	Approx. 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)
R2012xDSy	12	0.51 (13.0)	110 (164)	600 (2,700)	200 (890)	10.2 (260)	5.1 (130)
R2024xDSy	24	0.51 (13.0)	110 (164)	600 (2,700)	200 (890)	10.2 (260)	5.1 (130)
R2048xDSy	48	0.59 (15.0)	132 (197)	600 (2,700)	200 (890)	11.8 (300)	5.9 (150)
R2072xDSy	72	0.59 (15.0)	134 (199)	600 (2,700)	200 (890)	11.8 (300)	5.9 (150)
R2096xDSy	96	0.69 (17.4)	165 (251)	600 (2,700)	200 (890)	13.8 (348)	6.9 (174)
R2144xDSy	144	0.69 (17.4)	168 (251)	600 (2,700)	200 (890)	13.8 (348)	6.9 (174)
R2192xDSy	192	0.77 (19.6)	197 (292)	600 (2,700)	200 (890)	15.4 (392)	7.7 (196)
R2216xDSy	216	0.77 (19.6)	198 (295)	600 (2,700)	200 (890)	15.4 (392)	7.7 (196)
R2288xDSy	288	0.84 (21.3)	226 (337)	600 (2,700)	200 (890)	16.8 (437)	8.4 (219)
R2360xDSy	360	0.84 (21.3)	226 (337)	600 (2,700)	200 (890)	16.8 (437)	8.4 (219)
R2432xDSy	432	0.84 (21.3)	226 (337)	600 (2,700)	200 (890)	16.8 (437)	8.4 (219)
R2576xDSy	576	0.93 (23.5)	263 (392)	600 (2,700)	200 (890)	18.6 (470)	9.3 (235)

FIBER TYPES:

SINGLE MODE

HYBRID

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

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
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