

All-Dielectric Outdoor Cable

2 - 288 Fiber Arid-Core® Construction

Stranded Loose Tube with HDPE Outer Jacket

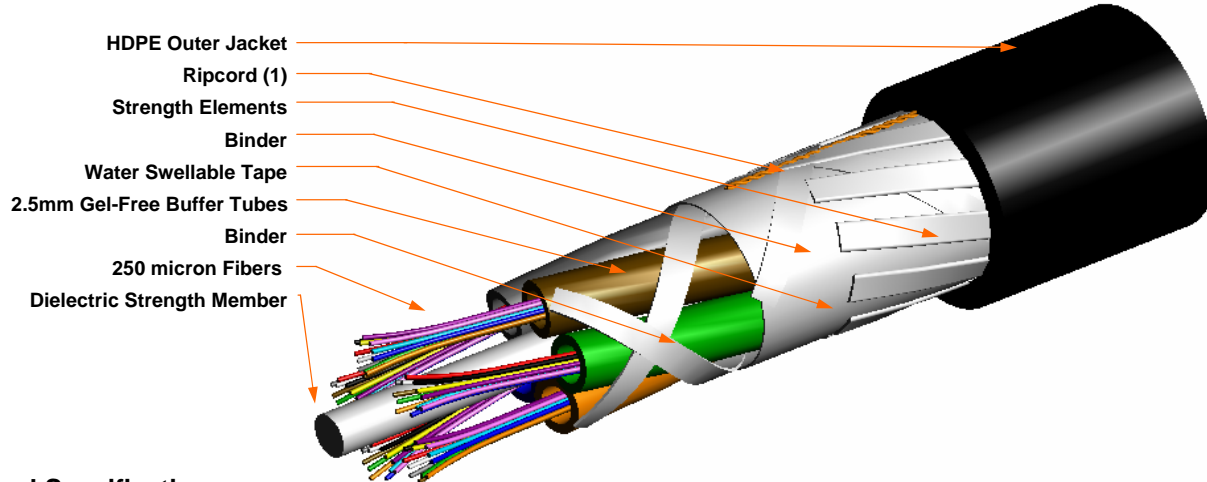
Gel-Free with 12-fiber Subunits

1100 CommScope Place SE
P.O. Box 1729
Hickory, NC 28603-1729
(800) 982-1708
(828) 324-2200
(828) 328-3400
(828) 323-4989
www.commscope.com

Fax:
Int'l Fax:



60 Fiber Cable Shown



Physical Specifications

Fiber Count	Catalog Number	Subunits	Outer Diameter in. (mm)	Weight lbs/kft (kg/km)	Minimum Bend Radius in. (cm)		Max. Tensile Load lbs. (Newtons)		Maximum Vertical Rise Feet (Meters)
					Loaded	Unloaded	Short Term	Long Term	
002 - 060	D-XXX-LN-XY-FZZNS/HD	5	0.40 (10.2)	45 (67)	8.0 (20.4)	4.0 (10.2)	607 (2700)	180 (800)	4006 (1221)
062 - 072	D-XXX-LN-XY-FZZNS/HD	6	0.42 (10.6)	49 (73)	8.3 (21.2)	4.2 (10.6)	607 (2700)	180 (800)	3677 (1121)
074 - 096	D-XXX-LN-XY-FZZNS/HD	8	0.48 (12.2)	65 (97)	9.6 (24.4)	4.8 (12.2)	607 (2700)	180 (800)	2767 (844)
098 - 120	D-XXX-LN-XY-FZZNS/HD	10	0.54 (13.8)	83 (124)	10.8 (27.6)	5.4 (13.8)	607 (2700)	180 (800)	2165 (660)
122 - 144	D-XXX-LN-XY-FZZNS/HD	12	0.62 (15.8)	107 (160)	12.4 (31.6)	6.2 (15.8)	607 (2700)	180 (800)	1678 (512)
146 - 216	D-XXX-LN-XY-FZZNS/HD	18	0.62 (15.8)	91 (135)	12.4 (31.6)	6.2 (15.8)	607 (2700)	180 (800)	1988 (606)
218 - 288	D-XXX-LN-XY-FZZNS/HD	24	0.71 (18.2)	123 (183)	14.3 (36.4)	7.1 (18.2)	607 (2700)	180 (800)	1467 (447)

*Replace **XXX** with Number of Fibers
Replace **XY** with Fiber Type and Grade (See *Optical Performance Sheet*)
Replace **ZZ** with Number of Fibers per Tube

Environmental and Mechanical

	Specification	Test Method
Operating Temperature	-40° to 158° F (-40° to +70° C)	FOTP - 3
Installation Temperature	-22° to 140° F (-30° to +60°C)	N/A
Storage Temperature	-40° to 167° F (-40° to +75° C)	N/A
Crush Resistance	125 lbf/in (22 N/mm)	FOTP - 41
Impact Resistance	Exceeds	FOTP - 25
Flexing	25 Cycles	FOTP - 104
Twist Bend	Exceeds	FOTP - 85

CommScope Outside Plant Fiber Optic Cables are qualified to the requirements of ANSI/ICEA S-87-640-1999, Standard for Optical Fiber Outside Plant Communications Cable, GR-20-CORE, Issue 2 Generic Requirements for OSP Fiber Optic Cable, EN 187105, European Standard for Optical Cable.



Cable Identification

Cable Jacket - Black high density polyethylene with optional co-extruded color stripes		
Buffer Tubes and Fibers are identified with standard color coding:		
1 - Blue	5 - Slate	9 - Yellow
2 - Orange	6 - White	10 - Violet
3 - Green	7 - Red	11 - Rose
4 - Brown	8 - Black	12 - Aqua
Buffer tubes 13 thru 24 repeat the color sequence with tracer stripe: e.g. Buffer Tube 13 is blue with tracer stripe.		

Drawings not to scale
Specifications subject to change
Revision Date: 07/03/08