Mini All-Dielectric Outdoor Cable

2 - 144 Fiber Arid-Core® Construction
Stranded Loose Tube
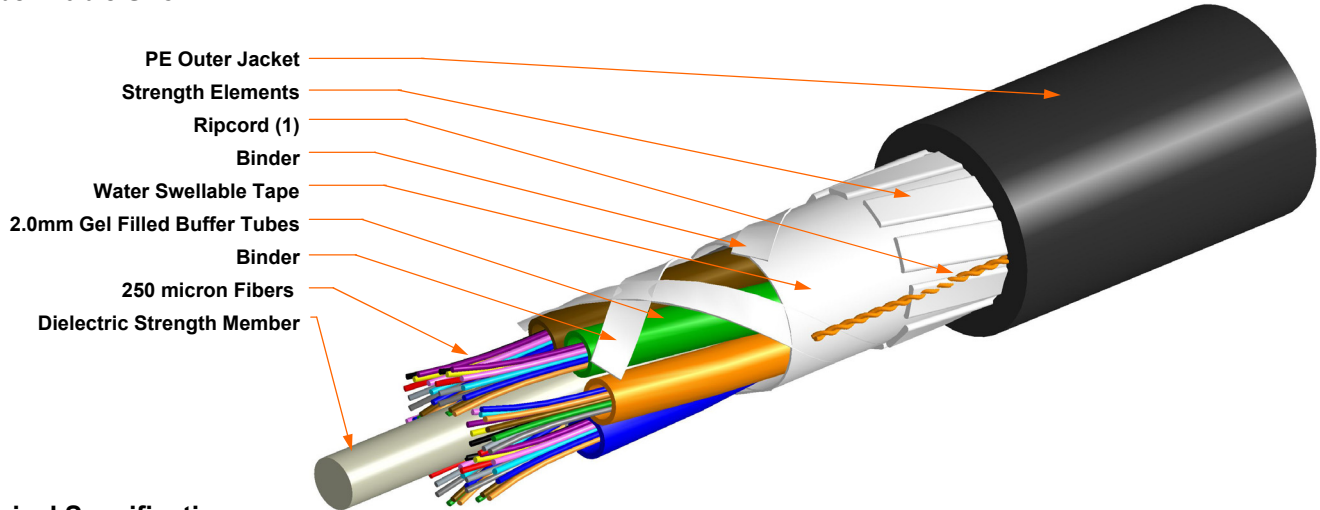## with 12-fiber Subunits

ISO 9001 REGISTERED

CommScope®

72 Fiber Cable Shown

- PE Outer Jacket
- Strength Elements
- Ripcord (1)
- Binder
- Water Swellable Tape
- 2.0mm Gel Filled Buffer Tubes
- Binder
- 250 micron Fibers
- Dielectric Strength Member

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 - 072	O-**XXX**-LN-**XY**-F**ZZ**NS/20T	6	0.37 (9.5)	48 (71)	7.5 (19.0)	3.7 (9.5)	607 (2700)	180 (800)	3781 (1153)
074 - 096	O-**XXX**-LN-**XY**-F**ZZ**NS/20T	8	0.41 (10.5)	58 (86)	8.2 (21.0)	4.1 (10.5)	607 (2700)	180 (800)	3121 (952)
098 - 120	O-**XXX**-LN-**XY**-F**ZZ**NS/20T	10	0.46 (11.8)	70 (105)	9.3 (23.6)	4.6 (11.8)	607 (2700)	180 (800)	2556 (779)
122 - 144	O-**XXX**-LN-**XY**-F**ZZ**NS/20T	12	0.52 (13.3)	92 (137)	10.4 (26.6)	5.2 (13.3)	607 (2700)	180 (800)	1959 (597)

*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	250 lbf/in (44 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 medium 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

RoHS COMPLIANT

Drawings not to scale
Specifications subject to change
Revision Date: 03/28/08