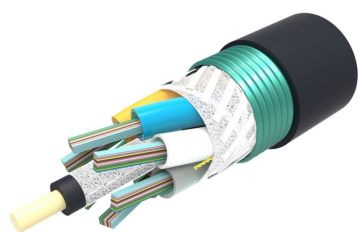


# O-288-LA-RB-F12NS/8V/93C



Fiber OSP cable, Steel Armored, Gel-Filled Loose Tube Ribbon, 288 fiber, Singlemode G.652.D and G.657.A1, Feet jacket marking, Black jacket color

## Product Classification

Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America   North America
Portfolio	CommScope®
Product Type	Fiber OSP cable
Product Series	O-LA

## General Specifications

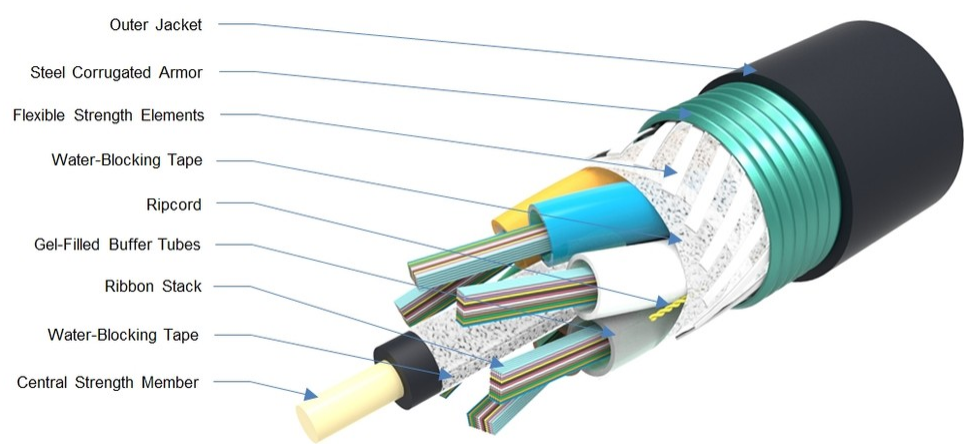
Armor Type	Corrugated steel
Cable Type	Ribbon loose tube
Construction Type	Armored
Subunit Type	Gel-filled
Fibers per Ribbon, quantity	12
Jacket Color	Black
Jacket Marking	Feet
Total Fiber Count	288

## Dimensions

Cable Length	4932 m   16,181.103 ft
Buffer Tube/Subunit Diameter	6.2 mm   0.244 in
Diameter Over Jacket	24.7 mm   0.972 in

## Representative Image

# O-288-LA-RB-F12NS/8V/93C



## Mechanical Specifications

Minimum Bend Radius, loaded	494 mm   19.449 in
Minimum Bend Radius, unloaded	247 mm   9.724 in
Tensile Load, long term, maximum	800 N   179.847 lbf
Tensile Load, short term, maximum	4500 N   1,011.64 lbf
Compression	22 N/mm   125.623 lb/in
Compression Test Method	FOTP-41   IEC 60794-1 E3
Flex	25 cycles
Flex Test Method	FOTP-104   IEC 60794-1 E6
Impact	2.94 N-m   26.021 in lb
Impact Test Method	FOTP-25   IEC 60794-1 E4
Strain	See long and short term tensile loads
Strain Test Method	FOTP-33   IEC 60794-1 E1
Twist	10 cycles
Twist Test Method	FOTP-85   IEC 60794-1 E7

## Optical Specifications

Fiber Type	G.657.A2   G.657.A2, TeraSPEED®
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## Environmental Specifications

Installation temperature	-30 °C to +60 °C (-22 °F to +140 °F)
Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)

# O-288-LA-RB-F12NS/8V/93C

Storage Temperature	-40 °C to +75 °C (-40 °F to +167 °F)
Cable Qualification Standards	ANSI/ICEA S-87-640   RUS PE-90 (7CFR 1755.900)   Telcordia GR-20
Environmental Space	Aerial, lashed   Buried
Jacket UV Resistance	UV stabilized
Water Penetration	24 h
Water Penetration Test Method	FOTP-82   IEC 60794-1 F5

## Environmental Test Specifications

Drip	70 °C   158 °F
Drip Test Method	FOTP-81
Heat Age	-40 °C to +85 °C (-40 °F to +185 °F)
Heat Age Test Method	IEC 60794-1 F9
Low High Bend	-30 °C to +60 °C (-22 °F to +140 °F)
Low High Bend Test Method	FOTP-37   IEC 60794-1 E11
Temperature Cycle	-40 °C to +70 °C (-40 °F to +158 °F)
Temperature Cycle Test Method	FOTP-3   IEC 60794-1 F1

## Packaging and Weights

Cable weight	464 kg/km   311.794 lb/kft
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## Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

## \* Footnotes

Operating Temperature	Specification applicable to non-terminated bulk fiber cable
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