

## 1.2 mm Plenum Simplex Cable

### Product Classification

**Regional Availability**

Asia | Australia/New Zealand | Latin America | Middle East/Africa | North America

**Portfolio**

CommScope®

**Product Type**

Fiber indoor cable

**Product Series**

P-SP

### General Specifications

**Cable Type**

Cordage

**Construction Type**

Non-armored

**Subunit Type**

Gel-free

**Jacket Color**

Red

**Jacket Marking**

Feet

**Total Fiber Count**

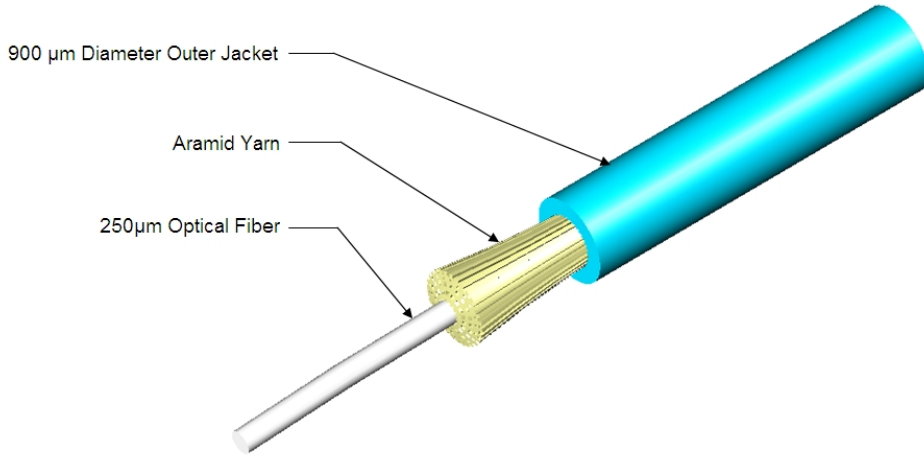
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### Dimensions

**Diameter Over Jacket**

1.2 mm | 0.047 in

### Representative Image



## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	24 mm   0.945 in
<b>Minimum Bend Radius, unloaded</b>	15 mm   0.591 in
<b>Tensile Load, long term, maximum</b>	30 N   6.744 lbf
<b>Tensile Load, short term, maximum</b>	100 N   22.481 lbf
<b>Compression</b>	4 N/mm   22.841 lb/in
<b>Compression Test Method</b>	FOTP-41   IEC 60794-1 E3
<b>Flex</b>	300 cycles
<b>Flex Test Method</b>	FOTP-104   IEC 60794-1 E6
<b>Impact</b>	0.74 N-m   6.55 in lb
<b>Impact Test Method</b>	FOTP-25   IEC 60794-1 E4
<b>Strain</b>	See long and short term tensile loads
<b>Strain Test Method</b>	FOTP-33   IEC 60794-1 E1
<b>Twist</b>	10 cycles
<b>Twist Test Method</b>	FOTP-85   IEC 60794-1 E7
<b>Vertical Rise, maximum</b>	500 m   1,640.42 ft

## Optical Specifications

<b>Fiber Type</b>	G.657.A2/B2
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## Environmental Specifications

# 760256874 | P-001-RF-8V-F12RD

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<b>Installation temperature</b>	0 °C to +60 °C (+32 °F to +140 °F)
<b>Operating Temperature</b>	0 °C to +70 °C (+32 °F to +158 °F)
<b>Storage Temperature</b>	-40 °C to +70 °C (-40 °F to +158 °F)
<b>Cable Qualification Standards</b>	ANSI/ICEA S-83-596   Telcordia GR-409
<b>Environmental Space</b>	Plenum
<b>Flame Test Listing</b>	NEC OFNP (ETL) and c(ETL)
<b>Flame Test Method</b>	NFPA 262

## Environmental Test Specifications

<b>Heat Age</b>	0 °C to +85 °C (+32 °F to +185 °F)
<b>Heat Age Test Method</b>	IEC 60794-1 F9
<b>Low High Bend</b>	0 °C to +60 °C (+32 °F to +140 °F)
<b>Low High Bend Test Method</b>	FOTP-37   IEC 60794-1 E11
<b>Temperature Cycle</b>	0 °C to +70 °C (+32 °F to +158 °F)
<b>Temperature Cycle Test Method</b>	FOTP-3   IEC 60794-1 F1

## Packaging and Weights

<b>Cable weight</b>	1.5 kg/km   1.008 lb/kft
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## Included Products

CS-8V-MP	-	Enhanced Low Macrobending, Low Water Peak, Dispersion-Unshifted Single-mode Fiber
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## \* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable