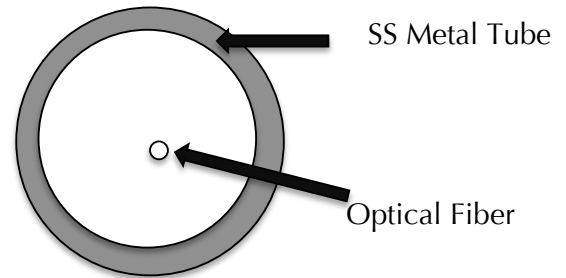


## C-S301

### General Attributes

- 50/125 Graded Index Fiber
- High Temperature Buffer, 150°C Rating
- Diameter- 1.65/1.25mm
- 316L SS Tube



### Specifications

#### Design Components

Components	Thick.	OD	ID
Hydrogen Scavenging Gel	-	-	-
MM 50 Hi-Temp Acrylate	-	-	-
Stainless Steel 316	0.20 mm/ 0.008 in	1.65mm/ 0.065in	1.25mm/0.049in

#### Mechanical and Physical Details

Approximate Weight	7.9kg/km	5.3lbs/1000ft
Nominal Overall Diameter	1.65mm	0.065 in
Tensile Strength	80.7 kg	177.9 lbs
Yield Strength	69.2 kg	152.5 lbs
Strain @ Yield	0.429%	0.429%
Coefficient of Thermal Expansion	1.73E-05m/m°C	9.60E-06in/in°F
Hydrostatic Pressure	20.4kg/mm <sup>2</sup>	29,078 psi
Working Pressure	18.0 kg/mm <sup>2</sup>	25,564 psi
Minimum Temperature Rating	-25°C	-13°F
Maximum Temperature Rating	150°C	302°F
Dynamic Bend Radius	165mm	6.5 in
Static Bending Radius	41mm	1.6 in

#### Standards: Designed and Manufactured in accordance with the following

Stainless Steel Tubes	ASTM A240, ASTM A632
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#### Optical Details: Attenuation Characteristics for MM Hi-Temp Acrylate Fibers

Max. Attenuation	2.5dB/km @ 850nm
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