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**800.887.5065**



# Laser Cable High Power

## SMA-FK

### Features:

- FSMA compatible connector
- Nut with dodecagon
- Freestanding fiber tip
- Use in industrial and medical laser systems



### Properties:

#### Connector:

|                    |  |
|--------------------|--|
| Type               | FSMA 905 both sides, with Free Standing Fiber Tip. |
| Ferrule Diameter   | 3,174 -0,004 mm                                    |
| Ferrule Length     | 9,70 - 9,90 mm                                     |
| Ferrule Material   | Arcap  |
| Connector Length   | 20,0 mm  |
| Nut Outer Diameter | 9,0 mm   |

#### Fiber

|                           |  |
|---------------------------|--|
| Length                    | 0,2m - 20,0m   |
| Numerical Aperture        | NA 0.22 ± 0.02   |
| Core/Cladding Diameter    | 105/125, 100/600, 200/220, 200/280, 400/440, 400/480, 600/720, 800/880, 1000/1100 ± 2% |
| Centricity                | <10 µm   |
| Short Term Bending Radius | 100 x Cladding Diameter  |
| Long Term Bending Radius  | 300 x Cladding Diameter  |

#### Protection Tube

|                |   |
|----------------|---|
| Material       | Metal alternative SST with bending radius |
| Outer Diameter | 5,0mm - 6,4mm                             |

### Dimensions:

