



MECHANICAL SPECIFICATIONS

| | Type | Geometry | Material & finishing | | |
|--------------------|---------------|------------|-----------------------------|------------|-------------|
| Connector 1 | SMA Plug | Straight | Gold-plated Stainless Steel | | |
| Connector 2 | SMA Plug | Straight | Gold-plated Stainless Steel | | |
| | Type | Dielectric | Jacket | Ext. diam. | Op. Temp. |
| Cable | MULTIFLEX_141 | PTFE | FEP | 4.14 mm | -65/+165 °C |

ELECTRICAL SPECIFICATIONS

| Frequency range | DC – 10 GHz VSWR 1.11 (26 dB RL) | 10 – 15 GHz VSWR 1.15 (23 dB RL) | 15 – 26.5 GHz VSWR 1.22 (20 dB RL) |
|------------------|-------------------------------------|-------------------------------------|---------------------------------------|
| Impedance | 50 Ω | | |

| Frequency (GHz) | Typical Attenuation (dB/m) | Frequency (GHz) | Typical Attenuation (dB/m) |
|-----------------|----------------------------|-----------------|----------------------------|
| 1.7 | 0.53 | 14.9 | 1.86 |
| 5.0 | 0.97 | 18.2 | 2.10 |
| 8.3 | 1.31 | 21.5 | 2.33 |
| 11.6 | 1.59 | 26.4 | 2.65 |

| Part # | Standard length |
|-----------------|-----------------------------------|
| S02S02-26-00250 | L = 25 cm |
| S02S02-26-00500 | L = 50 cm |
| S02S02-26-00750 | L = 75 cm |
| S02S02-26-01000 | L = 100 cm |
| S02S02-26-01500 | L = 150 cm |
| S02S02-26-02000 | L = 200 cm |
| Part # | Custom length |
| S02S02-26-"L" | Replace L with cable length in mm |



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S02S02-26 Series