



MECHANICAL SPECIFICATIONS

| | Type | Geometry | Material & finishing | | |
|--------------------|----------------------|------------|----------------------|------------|-------------|
| Connector 1 | N Jack 4-hole Flange | Straight | Nickel-plated Brass | | |
| Connector 2 | SMA Plug | Straight | Gold-plated Brass | | |
| | Type | Dielectric | Jacket | Ext. diam. | Op. Temp. |
| Cable | RG142B/U | PTFE | FEP | 4.95 mm | -65/+165 °C |

ELECTRICAL SPECIFICATIONS

| | | |
|------------------------|------------------------------------|-----------------------------------|
| Frequency range | DC – 4 GHz VSWR 1.22 (20 dB RL) | 4 – 6 GHz VSWR 1.33 (17 dB RL) |
| Impedance | 50 Ω | |

| Frequency (MHz) | Typical Attenuation (dB/m) | Frequency (MHz) | Typical Attenuation (dB/m) |
|-----------------|----------------------------|-----------------|----------------------------|
| 50 | 0.09 | 1000 | 0.46 |
| 150 | 0.16 | 2400 | 0.76 |
| 450 | 0.29 | 5500 | 1.25 |

| Part # | Standard length |
|-----------------|-----------------|
| N16S02-05-00250 | L = 25 cm |
| N16S02-05-00500 | L = 50 cm |
| N16S02-05-00750 | L = 75 cm |
| N16S02-05-01000 | L = 100 cm |
| N16S02-05-01500 | L = 150 cm |
| N16S02-05-02000 | L = 200 cm |
| N16S02-05-03000 | L = 300 cm |

| Part # | Custom length |
|---------------|-----------------------------------|
| N16S02-05-"L" | Replace L with cable length in mm |



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N16S02-05 Series