

Product Photo



Available Cable Types

SMC-195 Low Loss 50 Ohm Coax Cable

Heat Shrink

Heat Shrink

Attenuation and Average Power

| MHz | dB/100 FT | dB/100 M | Av. Power (kW) |
|------|-----------|----------|----------------|
| 30 | 2 | 6.5 | .89 |
| 50 | 2.5 | 8.4 | .68 |
| 150 | 4.4 | 14.6 | .39 |
| 220 | 5.4 | 17.7 | .32 |
| 450 | 7.8 | 25.5 | .22 |
| 800 | 10.5 | 34.3 | .16 |
| 900 | 11.1 | 36.5 | .15 |
| 1500 | 14.5 | 47.7 | .12 |
| 1800 | 16 | 52.5 | .11 |
| 2000 | 16.9 | 55.4 | .10 |
| 2200 | 17.8 | 58.3 | .09 |
| 2400 | 18.6 | 61.1 | .09 |
| 2500 | 19 | 62.4 | .09 |
| 3500 | 22.7 | 74.7 | .07 |
| 5800 | 29.9 | 98.1 | .06 |

Electrical Specifications

| | |
|-------------------------|------------|
| Cutoff Frequency | 41GHz |
| Peak Power | 2.5 kW |
| Velocity of Propagation | 80% |
| Impedance | 50Ω |
| Capacitance | 24.3 pF/ft |
| DC Resistance - Inner | 7.6 Ω/km |
| DC Resistance - Outer | 4.9 Ω/km |
| Shielding Effectiveness | >90 dB |
| Jacket Spark | 2500 Volts |

Available Connector Types

BNC Male / Female
 FME Male / Female
 MCX Male
 N Male / Female
 SMA Male / Female
 RPSMA Male / Female
 TNC Male / Female
 RPTNC Male / Female
 UHF Male / Female

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Available Form Factors

Straight
 Right Angle
 Bulkhead

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Straight
 Right Angle
 Bulkhead



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Title

Reverse Polarity SMA Female to Reverse Polarity SMA Female Low Loss 195 Coaxial Assembly

Part Number

28-121-XXX

Notes

1. Unless otherwise specified all dimensions are nominal
2. All specifications are subject to change without notice at any time
3. Dimensions are in millimeters