

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

N Male to BNC Male Low Loss 195  
 Coaxial Assembly

Part Number

28-105-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