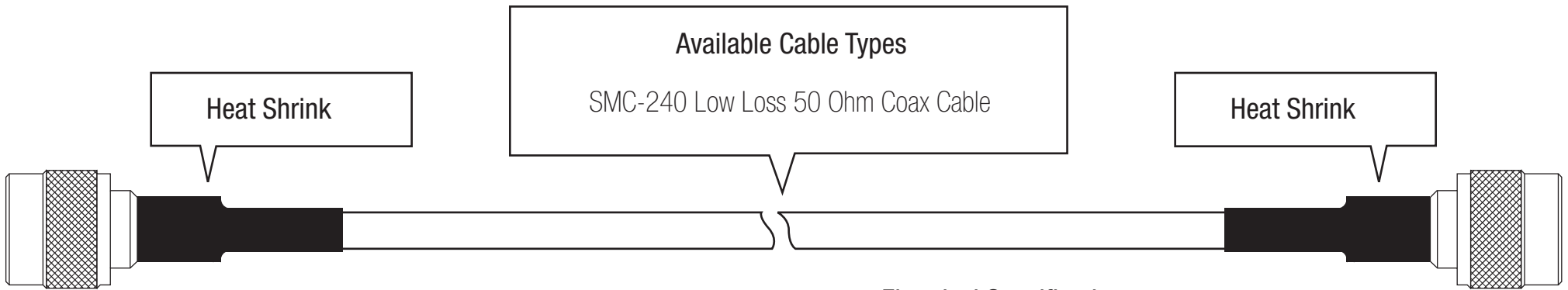


# ShowMeCables LMR-240 Assemblies



## Attenuation and Average Power

| MHz  | dB/100 FT | dB/100 M | Av. Power (kW) |
|------|-----------|----------|----------------|
| 30   | .7        | 2.2      | 3.33           |
| 50   | .9        | 2.9      | 2.57           |
| 150  | 1.5       | 5.0      | 1.47           |
| 220  | 1.9       | 6.1      | 1.20           |
| 450  | 2.7       | 8.9      | .83            |
| 800  | 3.7       | 12.0     | .61            |
| 900  | 3.9       | 12.8     | .58            |
| 1500 | 5.1       | 16.8     | .44            |
| 1800 | 5.7       | 18.6     | .40            |
| 2000 | 6.0       | 19.6     | .37            |
| 2200 | 6.3       | 20.7     | .36            |
| 2400 | 6.6       | 21.7     | .34            |
| 2500 | 6.8       | 22.2     | .33            |
| 3500 | 8.1       | 26.7     | .27            |
| 5800 | 10.       | 35.5     | .21            |

## Electrical Specifications

|                         |            |
|-------------------------|------------|
| Cutoff Frequency        | 31GHz      |
| Peak Power              | 5.6 kW     |
| Velocity of Propagation | 84%        |
| Impedance               | 50Ω        |
| Capacitance             | 79.4 pF/ft |
| DC Resistance - Inner   | 10.5 Ω/km  |
| DC Resistance - Outer   | 12.8 Ω/km  |
| Shielding Effectiveness | >90 dB     |
| Jacket Spark            | 4000 Volts |

### Available Connector Types

BNC Male / Female  
N Male / Female  
SMA Male / Female  
RPSMA Male / Female  
TNC Male / Female  
RPTNC Male / Female

### Available Form Factors

Straight

### Available Connector Types

BNC Male / Female  
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### Available Form Factors

Straight