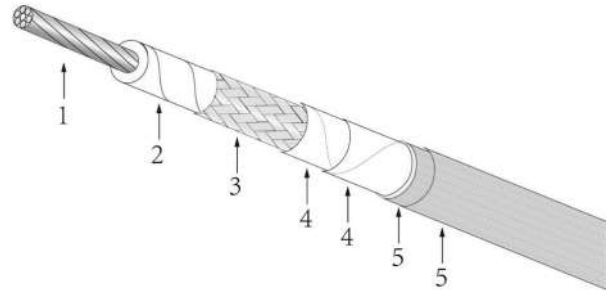


# RG 165

M17 Part Number: M17/65-RG165

## Cable Construction

Item	Description	Diameter
1	Inner Conductor Silver Plated Copper Clad Steel Stranded	2.39
2	Dielectric Taped PTFE	7.24
3	Outer Conductor Single Braid of Silver Plated Copper Wire	7.98
4	Barrier Tapes PTFE Tape	—
5	Jacket Fiberglass Braid	10.4



## Electrical Cable Characteristic

Impedance	50 Ohm
Operating Frequency	3 GHz
Capacitance	95.1 pF/m
Velocity of Propagation	69.5%
Max. Operating Voltage	5000 VRMS

## Mechanical Cable Characteristic

Temperature Range	-55 ~ +250 °C
Min. Bending Radius - Static	—
Weight	211 g/m
RoHS Compliant	Yes

## Cable Attenuation & Power

Frequency (GHz)	Attenuation (dB/m)	Power (W)
0.100	0.063	6100
0.400	0.135	2700
1.000	0.230	1400
3.000	0.446	800
5.000	—	—
12.400	—	—