

# RG 115

M17 Part Number 1: M17/92-RG115

M17 Part Number 2: M17/92-00001

## Cable Construction

Item	Description	Diameter
1 Inner Conductor	Silver Plated Copper	2.13
2 Dielectric	Taped PTFE	6.48
3 Outer Conductor	Silver Plated Copper Wire Double Braided	7.95
4 Barrier Tapes	<b>M17/92-RG115</b> PTFE Tape	
	<b>M17/92-00001</b> —	
5 Jacket	<b>M17/92-RG115</b> Fiberglass Braid	10.54
	<b>M17/92-00001</b> FEP	8.74

## Electrical Cable Characteristic

Impedance	50 Ohm
Operating Frequency	12.4 MHz
Capacitance	95.1 pF/m
Velocity of Propagation	69.5%
Max. Operating Voltage	5000 VRMS

## Mechanical Cable Characteristic

	M17/92-RG115	M17/92-00001
Temperature Range	-55 ~ +250 °C	-55 ~ +200 °C
Min. Bending Radius - Static	—	66
Weight	276 g/m	268 g/m
RoHS Compliant	Yes	Yes

## Cable Attenuation & Power

Frequency (GHz)	Attenuation (dB/m)	Power ( W )
0.100	0.073	—
0.400	0.148	2600
1.000	0.250	1600
3.000	0.482	—
5.000	0.669	—
12.400	1.132	400