



# RG142 Cable Assemblies

## Industry Standard Solutions

### FLA07(M17/60-RG142)

Mil Standard Cable M17/60-RG142  
 Standard Connector Interface Choices  
 Double Shielded Cable  
 Support Application to 11GHz  
 100% Factory Tested  
 Type-N's Males Hex/Knurl Coupling



Characteristic	FLA07
Max Frequency	11GHz
Loss/100ft (1GHz)	Typ.-12.8/Max.-19.0
Loss/100ft (3GHz)	Typ.-23.8/Max.-35.0
Loss/100ft (5GHz)	Typ.-32.0/Max.-48.0
Max Op. Voltage	1,900rms
Cable OD	0.195"
Velocity of Prop.	69.5%
Capacitance	29.4pF/ft
Shielding	≥60dB
Cable Temp Range	-55°C to 250°C
Assembly Temp Range	-55°C to 125°C

ConductRF supports customers with all standard RG cables, however, a very common standard is M17/60-RG142.

This cable has a solid PTFE Dielectric core over a Solid Silver Covered Copper Clad Steel Conductor. It is double braided and has an outer jacket of Tan colored FEP.

ConductRF offers a wide selection of standard connectors including out Type-N males which offer a coupling nut that allows both finger tightening and torque wrench tightening.

ConductRF 100% validates RF performance of these assemblies through factory network analyzer testing prior to shipping

Contact us for details on more standard RG cable solutions or check out our web site for our performance solutions at [www.ConductRF.com](http://www.ConductRF.com).

Images for illustration only, Data subject to change. Performance measured at 25C.

