



**MINIATURE RF COAXIAL CABLE**

MIL-C-17 / RG type references

2 orderable sizes

<b>STANDARD</b> MIL-C-17 / RG type references	<b>CONDUCTOR</b> Stranded copper-clad steel or tinned copper conductor	<b>INSULATION / JACKET</b> PVC, LSZH or PE jacket
--	---	--

**Construction**

- 1  Centre conductor – Stranded copper-clad steel or tinned copper conductor
- 2  Dielectric – Solid PE dielectric
- 3  Foil screen – Aluminium/polyester foil
- 4  Braid screen – Braid shield (C)
- 5  Sheath – PVC, LSZH or PE jacket

**Size selection — all available cross-sections**

Cable reference	Application	Coax reference	Impedance	Center conductor	Dielectric	Shield construction	Jacket	OD guide	Electrical reference
<b>RG174 PVC Coaxial Cable</b>	Compact RF, GPS and instrumentation pigtail	RG174	50 Ω	Stranded copper-clad steel or tinned copper conductor	Solid PE dielectric	Tinned copper braid screen	PVC jacket	2.80 mm	101 pF/m nominal; 1.20 dB/m at 400 MHz guide; 66% nominal velocity factor
<b>RG174 LSZH Coaxial Cable</b>	Compact RF, GPS and instrumentation pigtail	RG174	50 Ω	Stranded copper-clad steel or tinned copper conductor	Solid PE dielectric	Tinned copper braid screen	LSZH jacket	2.80 mm	101 pF/m nominal; 1.20 dB/m at 400 MHz guide; 66% nominal velocity factor