



**50 Ω RF COAXIAL CABLE**

MIL-C-17 / RG type references

1 orderable sizes

<b>STANDARD</b> MIL-C-17 / RG type references	<b>CONDUCTOR</b> Stranded tinned copper conductor	<b>INSULATION / JACKET</b> PVC coaxial jacket
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**Construction**

- 1 ■ **Centre conductor** – Stranded tinned copper conductor
- 2 ■ **Dielectric** – Solid PE dielectric
- 3 ■ **Foil screen** – Aluminium/polyester foil
- 4 ■ **Braid screen** – Braid shield (C)
- 5 ■ **Sheath** – PVC coaxial jacket

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

Cable reference	Application	Coax reference	Impedance	Center conductor	Dielectric	Shield construction	Jacket	OD guide	Electrical reference
RG58 UV-resistant PVC Coaxial Cable	RF equipment, test lead and antenna jumper	RG58	50 Ω	Stranded tinned copper conductor	Solid PE dielectric	Tinned copper braid screen	UV-resistant PVC jacket	4.95 mm	100 pF/m nominal; 0.64 dB/m at 400 MHz guide; 66% nominal velocity factor