



75 Ω BROADBAND COAXIAL CABLE

IEC 61196 / RG type references

3 orderable sizes

STANDARD IEC 61196 / RG type references	CONDUCTOR Solid copper-clad steel or bare copper conductor	INSULATION / JACKET PVC, LSZH or PE outdoor jacket
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Construction

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

Size selection — all available cross-sections

Cable reference	Application	Coax reference	Impedance	Center conductor	Dielectric	Shield construction	Jacket	OD guide	Electrical reference
RG6 PE outdoor Coaxial Cable	CATV, satellite, broadband and commercial video route	RG6	75 Ω	Solid copper-clad steel or bare copper conductor	Foam PE dielectric	Foil plus braid or quad shield	PE outdoor jacket	6.90 mm	53 pF/m nominal; 0.20 dB/m at 100 MHz guide; 82% nominal velocity factor
RG6 UV-resistant PVC Coaxial Cable	CATV, satellite, broadband and commercial video route	RG6	75 Ω	Solid copper-clad steel or bare copper conductor	Foam PE dielectric	Foil plus braid or quad shield	UV-resistant PVC jacket	6.90 mm	53 pF/m nominal; 0.20 dB/m at 100 MHz guide; 82% nominal velocity factor
RG6 Direct burial PE Coaxial Cable	CATV, satellite, broadband and commercial video route	RG6	75 Ω	Solid copper-clad steel or bare copper conductor	Foam PE dielectric	Foil plus braid or quad shield	Direct burial PE jacket	6.90 mm	53 pF/m nominal; 0.20 dB/m at 100 MHz guide; 82% nominal velocity factor