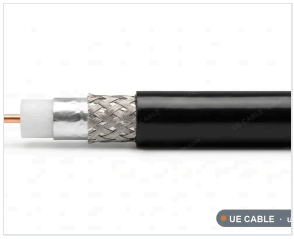

BROADCAST AND VIDEO COAXIAL CABLE

IEC 61196 / broadcast coax references | 9 orderable sizes

STANDARD	CONDUCTOR	INSULATION / JACKET
IEC 61196 / broadcast coax references	Solid bare copper conductor	PVC studio, LSZH installation or PE outdoor jacket

Construction

1. Centre conductor — Solid bare copper or copper-clad steel conductor
2. Dielectric — Foam PE dielectric
3. Foil screen — Aluminium/polyester foil
4. Braid screen — Braid shield (C)
5. Sheath — PVC studio, LSZH installation 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
RG59 Broadcast PVC studio Coaxial Cable	Broadcast, studio and digital video route	RG59	75 Ω	Solid bare copper or copper-clad steel conductor	Solid or foam PE dielectric	Bare copper braid or foil plus braid screen	PVC studio jacket	6.10 mm	67 pF/m nominal; 0.25 dB/m at 100 MHz guide; 66% to 82% velocity factor
RG59 Broadcast LSZH installation Coaxial Cable	Broadcast, studio and digital video route	RG59	75 Ω	Solid bare copper or copper-clad steel conductor	Solid or foam PE dielectric	Bare copper braid or foil plus braid screen	LSZH installation jacket	6.10 mm	67 pF/m nominal; 0.25 dB/m at 100 MHz guide; 66% to 82% velocity factor
RG59 Broadcast PE outdoor Coaxial Cable	Broadcast, studio and digital video route	RG59	75 Ω	Solid bare copper or copper-clad steel conductor	Solid or foam PE dielectric	Bare copper braid or foil plus braid screen	PE outdoor jacket	6.10 mm	67 pF/m nominal; 0.25 dB/m at 100 MHz guide; 66% to 82% velocity factor
RG6 Broadcast PVC studio Coaxial Cable	Broadcast, studio and digital video route	RG6	75 Ω	Solid copper-clad steel or bare copper conductor	Foam PE dielectric	Foil plus braid or quad shield	PVC studio jacket	6.90 mm	53 pF/m nominal; 0.20 dB/m at 100 MHz guide; 82% nominal velocity factor

Cable reference	Application	Coax reference	Impedance	Center conductor	Dielectric	Shield construction	Jacket	OD guide	Electrical reference
RG6 Broadcast LSZH installation Coaxial Cable	Broadcast, studio and digital video route	RG6	75 Ω	Solid copper-clad steel or bare copper conductor	Foam PE dielectric	Foil plus braid or quad shield	LSZH installation jacket	6.90 mm	53 pF/m nominal; 0.20 dB/m at 100 MHz guide; 82% nominal velocity factor
RG6 Broadcast PE outdoor Coaxial Cable	Broadcast, studio and digital 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
RG11 Broadcast PVC studio Coaxial Cable	Broadcast, studio and digital video route	RG11	75 Ω	Solid bare copper or copper-clad steel conductor	Foam PE dielectric	Foil plus braid or quad shield	PVC studio jacket	10.30 mm	53 pF/m nominal; 0.13 dB/m at 100 MHz guide; 82% nominal velocity factor
RG11 Broadcast LSZH installation Coaxial Cable	Broadcast, studio and digital video route	RG11	75 Ω	Solid bare copper or copper-clad steel conductor	Foam PE dielectric	Foil plus braid or quad shield	LSZH installation jacket	10.30 mm	53 pF/m nominal; 0.13 dB/m at 100 MHz guide; 82% nominal velocity factor
RG11 Broadcast PE outdoor Coaxial Cable	Broadcast, studio and digital video route	RG11	75 Ω	Solid bare copper or copper-clad steel conductor	Foam PE dielectric	Foil plus braid or quad shield	PE outdoor jacket	10.30 mm	53 pF/m nominal; 0.13 dB/m at 100 MHz guide; 82% nominal velocity factor