



COMPOSITE VIDEO, POWER AND CONTROL CABLE

CCTV and low-voltage security cable references

3 orderable sizes

STANDARD CCTV and low-voltage security cable references	CONDUCTOR Coaxial center conductor plus power/control cores	INSULATION / JACKET PVC, LSZH or PE composite jacket
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Construction

- 1 **Centre conductor** – Coax center conductor plus stranded copper power/control cores · 1 × Ø0.98 mm · IEC 60228 cl.1
- 2 **Dielectric** – Solid or foam PE coax dielectric
- 3 **Foil screen** – Aluminium/polyester foil
- 4 **Braid screen** – Braid shield (C)
- 5 **Sheath** – PVC, LSZH or PE composite jacket

Size selection — all available cross-sections

Cable reference	Application	Coax reference	Impedance	Center conductor	Dielectric	Shield construction	Jacket	OD guide	Electrical reference
RG59 + 2C 16 AWG CCTV Composite	Longer CCTV video plus camera power	RG59 75 Ω coax + 2C 16 AWG power	75 Ω video coax element	Coax center conductor plus stranded copper power/control cores	Foam PE or solid PE coax dielectric	Foil plus braid coax screen	PVC or PE composite jacket	9.2 mm guide	75 Ω video element plus low-voltage power/control cores
RG6 Quad + 2C 18 AWG CCTV Composite	High-shield CCTV plus power	RG6 quad shield coax + 2C 18 AWG power	75 Ω video coax element	Coax center conductor plus stranded copper power/control cores	Foam PE or solid PE coax dielectric	Quad shield coax screen	PVC or PE composite jacket	9.8 mm guide	75 Ω video element plus low-voltage power/control cores
RG6 + 2C 18 AWG + 2C 22 AWG	CCTV video, power and PTZ control	RG6 coax + power pair + control pair	75 Ω video coax element	Coax center conductor plus stranded copper power/control cores	Foam PE or solid PE coax dielectric	Foil plus braid coax screen	PE outdoor composite jacket	11.4 mm guide	75 Ω video element plus low-voltage power/control cores