



OUTDOOR AND CAMPUS LAN CABLE

IEC 61156-5

2 orderable sizes

STANDARD IEC 61156-5	CONDUCTOR AWG23/1 solid bare copper	INSULATION / JACKET UV resistant PE outdoor jacket / Direct burial PE jacket
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Construction

- 1 ■ **Conductor (per core)** – Bare copper conductor
- 2 ■ **Pair insulation** – Solid PE or foam PE pair insulation
- 3 ■ **Filler** – Bedding / filler
- 4 ■ **Sheath** – UV resistant PE outdoor jacket

Size selection – all available cross-sections

Cable reference	Category	Pair layout	Conductor	Bandwidth	Transmission	Shielding	Jacket / rating	Power support	Max DC resistance at 20 °C	OD guide
Outdoor Cat6A F/UTP LAN Cat6A 4 x 2 pair AWG23/1 solid bare copper F/UTP UV resistant PE outdoor jacket	Cat6A	4 x 2 pair	AWG23/1 solid bare copper	500 MHz	10 Gbit/s up to 100 m channel design	F/UTP	UV resistant PE outdoor jacket	PoE / PoE+ / PoE++ with outdoor route review	7.6 Ω/100 m max	8.3 mm
Outdoor Cat6A F/UTP LAN Cat6A 4 x 2 pair AWG23/1 solid bare copper F/UTP Direct burial PE jacket	Cat6A	4 x 2 pair	AWG23/1 solid bare copper	500 MHz	10 Gbit/s up to 100 m channel design	F/UTP	Direct burial PE jacket	PoE / PoE+ / PoE++ with outdoor route review	7.6 Ω/100 m max	8.3 mm