



10 GIGABIT SCREENED LAN CABLE

IEC 61156-5

2 orderable sizes

STANDARD IEC 61156-5	CONDUCTOR AWG23/1 solid bare copper	INSULATION / JACKET PVC communication jacket
--------------------------------	---	--

Construction

- 1 ■ **Conductor (per core)** – Bare copper conductor
- 2 ■ **Pair insulation** – Solid PE or foam PE pair insulation
- 3 ■ **Filler** – Bedding / filler
- 4 ■ **Sheath** – PVC CMR riser 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
Cat6A U/FTP LAN Cat6A 4 x 2 pair AWG23/1 solid bare copper U/FTP PVC CMR riser jacket	Cat6A	4 x 2 pair	AWG23/1 solid bare copper	500 MHz	10 Gbit/s up to 100 m channel design	U/FTP	PVC CMR riser jacket	PoE / PoE+ / PoE++ with bundle-temperature review	7.6 Ω/100 m max	7.5 mm
Cat6A U/FTP LAN Cat6A 4 x 2 pair AWG23/1 solid bare copper U/FTP PVC CMP plenum jacket	Cat6A	4 x 2 pair	AWG23/1 solid bare copper	500 MHz	10 Gbit/s up to 100 m channel design	U/FTP	PVC CMP plenum jacket	PoE / PoE+ / PoE++ with bundle-temperature review	7.6 Ω/100 m max	7.8 mm