



HIGH-BANDWIDTH SHIELDED LAN CABLE

IEC 61156-5

2 orderable sizes

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|--------------------------------|---|--|
| STANDARD IEC 61156-5 | CONDUCTOR AWG23/1 solid bare copper | INSULATION / JACKET LSZH CPR Cca indoor jacket / PE outdoor 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 ■ **Overall screen (OS)** – Al/polyester foil + drain
- 5 ■ **Sheath** – 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 |
|---|----------|-------------|---------------------------|-----------|---|-----------|----------------------------|--------------------------------------|----------------------------|----------|
| Cat7 S/FTP LAN Cat7 4 x 2 pair AWG23/1 solid bare copper S/FTP LSZH CPR Cca indoor jacket | Cat7 | 4 x 2 pair | AWG23/1 solid bare copper | 600 MHz | 10 Gbit/s channel design with Class F system components | S/FTP | LSZH CPR Cca indoor jacket | PoE++ with screened connector system | 7.6 Ω/100m max | 8.5 mm |
| Cat7 S/FTP LAN Cat7 4 x 2 pair AWG23/1 solid bare copper S/FTP PE outdoor jacket | Cat7 | 4 x 2 pair | AWG23/1 solid bare copper | 600 MHz | 10 Gbit/s channel design with Class F system components | S/FTP | PE outdoor jacket | PoE++ with screened connector system | 7.6 Ω/100m max | 9.1 mm |