



HIGH-BANDWIDTH INDUSTRIAL ETHERNET CABLE

IEC 11801

4 orderable sizes

STANDARD IEC 11801	CONDUCTOR AWG23/1 solid / AWG26/7 stranded	INSULATION / JACKET PUR or LSZH industrial jacket
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Construction

- 1 ■ Conductor (per core) – AWG26/7 stranded
- 2 ■ Pair insulation – Foam PE or PE data insulation
- 3 ■ Individual screen (IS) – Al/polyester foil + tinned-copper drain
- 4 ■ Filler – Bedding / filler
- 5 ■ Overall screen (OS) – Al/polyester foil + drain
- 6 ■ Sheath – PUR or LSZH industrial jacket

Size selection — all available cross-sections

Cable reference	Protocol / use	Category	Pair layout	Conductor	Bandwidth	Shielding
Industrial Cat7 S/FTP PUR 4 x 2 pair AWG23/1 solid Static installation	Industrial Ethernet	Cat7	4 x 2 pair	AWG23/1 solid	600 MHz	Individual pair foil plus overall braid
Industrial Cat7 S/FTP PUR 4 x 2 pair AWG23/1 solid Flexible installation	Industrial Ethernet	Cat7	4 x 2 pair	AWG23/1 solid	600 MHz	Individual pair foil plus overall braid
Industrial Cat7 S/FTP PUR 4 x 2 pair AWG26/7 stranded Static installation	Industrial Ethernet	Cat7	4 x 2 pair	AWG26/7 stranded	600 MHz	Individual pair foil plus overall braid
Industrial Cat7 S/FTP PUR 4 x 2 pair AWG26/7 stranded Flexible installation	Industrial Ethernet	Cat7	4 x 2 pair	AWG26/7 stranded	600 MHz	Individual pair foil plus overall braid