

Technical Data Sheet

CANFORD CAT5E-R CABLE

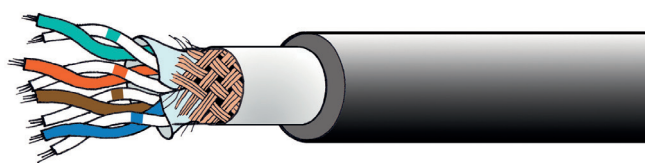
31-948 CANFORD CAT5E-R CABLE Black

Increasing use of network and data cables between audio and video devices on location calls for a Category 5E cable that is designed specifically for deployable use.

This specialist version of Cat5E F/UTP (screened) has a very tough polyurethane outer jacket, and has moderate flexibility. The jacket is two-layer, the inner layer is low fire hazard material, so the cable can be classed as 'low fire hazard'. It also differs from standard Cat5E construction in that it has two screens, a foil and a braid.

CABLE CONNECTOR

Due to the 7mm overall diameter standard Cat5e RJ45 connectors accepting round cables will not fit this cable unless the outer jacket is cut back to accommodate such.



Cutting back the outer jacket may not be desirable for deployable applications however. As such the following can accept this data cable without 'cutting back' the outer jacket.

- 46-608 RJ45 PLUG 8P8CS Cat 6 / 6A, shielded (Max cable O.D. 7.00mm)
- 46-658 BEL STEWART SS-39200-030 RJ45 Cat6A FTP, shielded (pack of 5) (Max cable O.D. 7.49mm)

TECHNICAL SPECIFICATION

Conductors:	7/0.16mm (0.14mm sq) plain copper
Insulation:	Foamed polyethylene, according to CW1308 colour code
Lay-up:	Two insulated conductors twisted together, pairs twisted together.
Screen 1:	Aluminium/polyester/aluminium tape
Screen 2:	Tinned copper braid
Drain wire:	7/0.2mm tinned copper wire (0.22mm sq.), laid up with cores
Inner jacket:	Low fire hazard material, O.D.5.7mm
Overall jacket:	Polyurethane, black, O.D. 7.0mm

Impedance:	100 +/-15 ohms
Conductor resistance:	12.4 ohms/100m
Capacitance:	43pF/m
Attenuation:	1MHz 5.2dB/100m 10MHz 16.5dB/100m
Near end crosstalk:	1MHz 67dB 10MHz 53dB
Weight:	4.97kg/100m
Reel length:	500 metre reels
Cut lengths:	Available in any multiple of 1 metre