

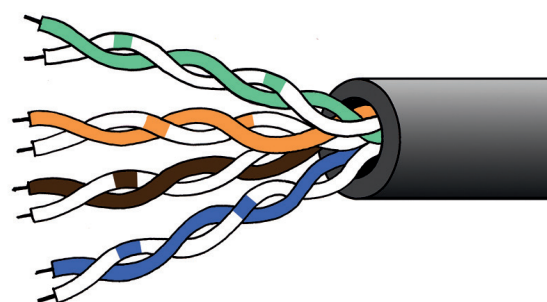
Technical Data Sheet

CANFORD CAT6-F CABLE

31-870 CANFORD CAT6-F CABLE Black

Increasing use of network and data cables between audio and video devices on location calls for a Category 6 cable that is designed specifically for deployable use. Basic Category 6 UTP is a relatively inflexible installation cable, and even the slightly more flexible patchcord type still has very poor handling characteristics in deployed (as opposed to patching) applications. This Category 6 U/UTP cable has been designed specifically for the professional audio and video user, and is intended to handle like a typical microphone cable. It has an extra-flexible four-pair core structure that maintains Category 6 performance, then a special soft PVC composite material outer jacket, to give superb flexibility and handling characteristics.

It is suitable for use with both standard RJ45 connectors (round entry version), the Neutrik Ethercon and most other ruggedised RJ45 designs, or any other connector with a suitably sized entry gland. The cable is also suitable for DMX512 applications.



The computer industry 100 ohm Category 6 standard provides performance up to 250MHz, and is suitable for Gigabit Ethernet and other high speed applications, as well as analogue and digital audio. Category 6 defines more stringent specifications than those applicable to Category 5E, particularly in crosstalk between pairs.

TECHNICAL SPECIFICATION

Conductors	7/0.15mm (0.14 sq.mm, 26AWG) tinned copper	Velocity ratio	67%
Insulation	0.98mm dia. solid polyethylene	Attenuation	10MHz 9.0dB/100m
Identification	A-core blue, orange, green, brown B-core white with coloured stripe marking as corresponding a-core		100MHz 30.0dB/100m
Lay-up	Two insulated conductors twisted together; pairs twisted together		200MHz 44.0dB/100m
Pair screens	None	Near end crosstalk	250MHz 49.0dB/100m
Overall jacket	Soft PVC, 6.2mm O.D		10MHz 59dB
Min bend radius	Without load 25 mm With load 50 mm		100MHz 44dB
Working Temperature	0°C to + 50°C	Weight	200MHz 40dB
Impedance	100 +/- 15 ohms	Reel length	250MHz 38dB
		Cut lengths	4.5kg/100m
			500 metre reels
			Available in any multiple of 1 metre

Manufactured to a Canford original design by Draka Prysmian Multimedia.