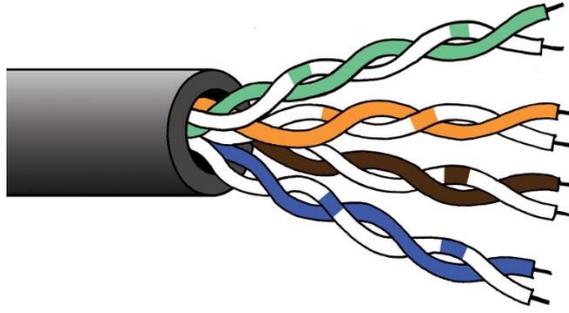


31-870 CANFORD CAT6-F CABLE Black



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

Manufactured to a Canford original design by Draka Prysmian Multimedia.