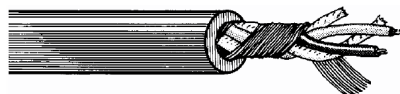
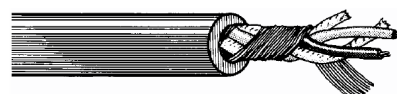


# HST

## Helical Screened Stranded Conductor Twin Cable



- 30-150 HST Black
- 30-151 HST Brown
- 30-152 HST Red
- 30-154 HST Yellow
- 30-155 HST Green
- 30-156 HST Blue
- 30-158 HST Grey
- 30-165 HST Neon Green
- 30-167 HST Violet



A high performance range of general purpose extra-flexible twisted twin conductor, helical (“lap”) screened cables, suitable for both microphone and general purpose uses.

The cable construction design is the result of extensive research by Canford Audio, and the University of Durham Engineering Department. The outer jacket is an extra-flexible, soft PVC with semi-matt finish, available in 8 standard colours and 1 ‘neon’ colour. The ‘neon’ colour has a distinctively bright colouring in daylight, but takes on a more spectacular colouring under ultra-violet light.

### Suggested Applications

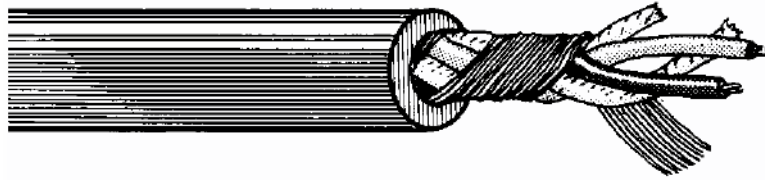
Microphone and general purpose twin screened cable suitable for studio, on stage, recording and outside broadcast use.

### Suitable connectors

- 44-131 Deltron XLR 3 pin female cable plastic back-shell
- 44-132 Deltron XLR 3 pin male cable plastic back-shell
- 44-351 Deltron XLR 3pin female cable metal back-shell black
- 44-352 Deltron XLR 3 pin male cable metal back shell black
- 40-321 Neutrik NC3FX
- 40-322 Neutrik NC3MX
- 43-222 Neutrik NP3C Jack plug Stereo
- 43-431 Deltron 327 Jack plug Stereo solder, Nickel

### Wiring conventions:

CABLE			XLR	JACK
Red	+ve	Hot	Pin 2	Tip
Black	-ve	Cold	Pin 3	Ring
Screen		Earth	Pin 1	Sleeve



### Technical Specification:

Construction:	Two conductors, each 30 strands of 0.10mm plain copper wire for flexibility, twisted with short lay length (30mm) for better balance and noise rejection. Cotton fillers used both to reduce microphony and to give a more regular central core profile to prevent movement of screen. Precision wound helical formation screen, 72 strands of 0.10mm plain copper wire. Overall jacket is extra flexible soft PVC, which has excellent handling characteristics and remains flexible at low temperatures, together with a serviceable “semi-matt” surface finish
Conductors:	30/0.10mm (0.235mm <sup>2</sup> ) plain copper wire
Insulation:	PVC, radial thickness 0.38mm, OD 1.4mm, Red and Black
Twist & lay:	2 x 0.25mm <sup>2</sup> plus 2 x cotton fillers, 30mm lay length
Screen:	72/0.1mm helically wound plain copper wire, 96% optical coverage
Capacitance:	143pF/metre core to core, 256pF/metre core to core +screen.
Max Conductor Resistance:	69 ohms/km
Overall Jacket:	Soft semi-matt PVC, OD 6.40mm, various colours
Weight:	4.9 kg/100m.
Reel lengths:	100m and 500m
Cut lengths:	Available in any multiple of 1 metre.

Manufactured to Canford design.

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