



HST - HELICAL SCREENED STRANDED CONDUCTOR TWIN CABLE

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.

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 ²) plain copper wire
Insulation:	PVC, radial thickness 0.38mm, OD 1.4mm, Red and Black
Twisting and lay:	2 x 0.25mm ² 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.
Maximum 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 a Canford original design. HST is a Canford registered trademark.

30-150	CANFORD HST CABLE 1 pair, Black
30-152	CANFORD HST CABLE 1 pair, Red
30-156	CANFORD HST CABLE 1 pair, Blue
30-155	CANFORD HST CABLE 1 pair, Green
30-154	CANFORD HST CABLE 1 pair, Yellow
30-158	CANFORD HST CABLE 1 pair, Grey
30-153	CANFORD HST CABLE 1 pair, Orange
30-151	CANFORD HST CABLE 1 pair, Brown
30-167	CANFORD HST CABLE 1 pair, Violet

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