

Technical Data Sheet

HST-M MINIATURE HELICAL SCREENED STRANDED CONDUCTOR TWIN CABLE

30-180 HST-M BLACK

30-182 HST-M RED

30-185 HST-M GREEN

30-186 HST-M BLUE

30-188 HST-M GREY

Designed for applications requiring either an extra flexible mic cable or one of reduced overall size. This cable uses the standard HST cores and screen construction, and has the same extra-flexible soft PVC with semi-matt finish, but with a reduced overall diameter of 5.0mm.

This size of cable is often known as “patch” cable, and is ideally suited for equipment interconnection.

It is not, however, recommended for heavy-duty applications – HST, which has a thicker jacket and therefore offers more physical protection to the cores, should be used in these cases.

SUGGESTED APPLICATIONS

General purpose twin screened cable suitable for patch leads, general purpose balanced audio uses, studio and portable rack wiring. Not recommended for heavy-duty applications.

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

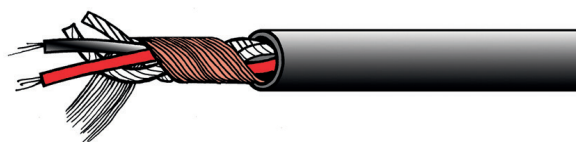
44-352 Deltron XLR 3 pin male cable metal back shell black

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 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.
Max Conductor	
Resistance:	69 ohms/km
Overall Jacket:	Soft semi-matt PVC, OD 5.0mm, various colours
Weight:	3.3kg/100m
Reel lengths:	100m and 500m
Cut lengths:	Available in any multiple of 1 metre.

Manufactured to Canford design.