

HCSY SERIES

High Performance Flexible Paired
Figure 8 Twin Foil Screened Data Cable
110V 75°C



APPLICATIONS:

BUS Systems Extra low capacitance cable suitable for building and home BUS automation systems.

E.L.V Signal and Controls (Does not exceed 50V AC or 120V DC Ripple Free) Fixed wiring E.L.V power control or signal cables on machines, conveying equipment or similar industrial applications.

Marine Tinned copper conductors for use in marine applications.

PRODUCT FEATURES:

- ▶ Very fine stranded copper conductor
- ▶ High flexibility
- ▶ Prevents external interference
- ▶ Provides easy separation at each end
- ▶ UV stabilised
- ▶ Flame retardant
- ▶ Heat, oil and chemical resistant (*See Technical Section*)

CONSTRUCTION:

Conductor Annealed tinned copper stranded high flexibility (Class 5).

Insulation Special SPVC.

Screening Individually paired shield of aluminium/polyester foil c/w tinned copper drain wire.

Sheath Special SPVC.

CHARACTERISTICS:

Operating Temperature Range Fixed -20°C to 75°C / Flexing -5°C to 75°C.

Maximum Conductor Temperature 75°C.

Rated Voltage 110VRMS/150VDC.

Resistance Maximum 87.24 ohms/Km @ 20°C.

Capacitance Nominal wire to wire pF/M 80.

Minimum Bending Radius Fixed 10 x cable diameter.

Sheath Colour Black.

Standard Core Colours Pair 1 – Red/White. Pair 2 – Black/Yellow.

Relevant Standards AS/NZS 1125, IEC 60332-1,

RoHS Compliant.

Code	No. of Cores x Size (mm ²)	Nearest AWG	Approx. Stranding No. of wires x mm ²	Approx. Overall Diameter (mm)	Approx. Weight (Kg/Km)
HCSY076	2 pair x 0.22	24	7/0.20	3.50 x 7.20	3