

CTP-H SERIES

High Performance Flexible LSHF
Control Cable 300/500V 90°C



APPLICATIONS:

Marine Flexible LSHF tinned copper control cable for installation in superyachts, pleasure craft and other marine applications.

Control and Signals Suitable for use on machines, portable tools, conveying equipment and other industrial applications. These cables are flexible for fixed installation as well as occasional flexing without tensile load.

Lighting & Entertainment With its special flexible low smoke halogen free sheath, this cable is suitable for indoor/outdoor lighting and control leads.

Rail or Rolling Stock Suitable for wiring in locomotives, rail cars, buses and coaches.

Pumping Suitable for use as submersible (200 metres) pump controls.

PRODUCT FEATURES:

- ▶ Tinned fine stranded copper conductor
- ▶ High flexibility
- ▶ Low smoke halogen free
- ▶ PVC free
- ▶ Submersible to 200 metres
- ▶ UV stabilised
- ▶ Flame retardant
- ▶ Extreme flexibility
- ▶ Heat, oil and chemical resistant (See Technical Section)

CONSTRUCTION:

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

Insulation LSHF X-90.

Sheath LSHF.

CHARACTERISTICS:

Operating Temperature Range Fixed -40 to 90°C / Flexing -5 to 90°C.

Maximum Conductor Temperature 90°C (Current ratings are based on 30°C air temp. See technical section for de-rating factors).

Rated Voltage Uo/U 300/500v

Max AC Operating Voltage Uo 318v.

Minimum Bending Radius Fixed 7.5 x cable diameter / Flexing 15 x cable diameter.

Sheath Colour Grey - as standard colour.

Standard Core Colours Black (numbered) plus 1 Green/Yellow Earth. (2 Core is without Earth)

Relevant Standards DIN VDE 0295, IEC 61034, IEC 60332-1, IEC 60754-1, IEC 60754-2, **RoHS** Compliant.

Code	No. of Cores x Size (mm ²)	Approx. Stranding No. of wires x size	Approx. Overall Diameter (mm)	Approx. Weight (kg/km)
CTP02/0.75H	2 x 0.75	24/0.20	5.1	46
CTP03/0.75H	3 x 0.75	24/0.20	5.6	55
CTP04/0.75H	4 x 0.75	24/0.20	6.2	66
CTP05/0.75H	5 x 0.75	24/0.20	7.1	79
CTP07/0.75H	7 x 0.75	24/0.20	7.5	101
CTP12/0.75H	12 x 0.75	24/0.20	10.5	171
CTP18/0.75H	18 x 0.75	24/0.20	12.2	244
CTP02/1.5H	2 x 1.5	48/0.20	6.4	78
CTP03/1.5H	3 x 1.5	48/0.20	7.1	84
CTP04/1.5H	4 x 1.5	48/0.20	8.3	104
CTP05/1.5H	5 x 1.5	48/0.20	8.7	128
CTP07/1.5H	7 x 1.5	48/0.20	10.0	166
CTP12/1.5H	12 x 1.5	48/0.20	13.0	279
CTP18/1.5H	18 x 1.5	48/0.20	15.5	407

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