

JFCY-H SERIES

High Performance Flexible LSHF
CBS Control Cable 300/500V 80°C



APPLICATIONS:

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

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

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

PRODUCT FEATURES:

- ▶ Very high flexibility
- ▶ Low smoke halogen free
- ▶ PVC free
- ▶ Submersible to 200 metres
- ▶ UV stabilised
- ▶ Flame retardant
- ▶ Resistant to environmental factors like ozone
- ▶ Abrasion resistance
- ▶ To be earthed using EMC compatible glands
- ▶ Extensive heat, oil, solvent and chemical resistance (See *Technical Section*)

CONSTRUCTION:

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

Insulation LSHF X-90.

Screening Tinned copper braid 85% coverage.

Sheath LSHF.

CHARACTERISTICS:

Operating Temperature Range Fixed -20°C to 90°C / Flexing -5°C 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 U_o/U 300/500v

Max AC Operating Voltage U_o 318v.

Minimum Bending Radius Fixed 10 x cable diameter / Flexing 15 x cable diameter.

Sheath Colour Grey.

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

Relevant Standards IEC 60228, IEC 60754-1, IEC 60754-2, IEC 60332-1, IEC 61034, **RoHS** Compliant.

Code	No. of Cores x Size	Approx. Stranding	Approx. Overall Diameter	Approx. Weight
	(mm ²)	No. of wires x mm	(mm)	(Kg/Km)
JFCY02/0.75H	2 x 0.75	24/0.20	6.2	59
JFCY03/0.75H	3 x 0.75	24/0.20	6.4	100
JFCY04/0.75H	4 x 0.75	24/0.20	7.1	77
JFCY05/0.75H	5 x 0.75	24/0.20	7.6	93
JFCY07/0.75H	7 x 0.75	24/0.20	8.5	161
JFCY12/0.75H	12 x 0.75	24/0.20	10.7	202
JFCY02/1.5H	2 x 1.5	30/0.25	7.0	88
JFCY03/1.5H	3 x 1.5	30/0.25	7.6	100
JFCY04/1.5H	4 x 1.5	30/0.25	8.2	100
JFCY05/1.5H	5 x 1.5	30/0.25	9.1	160
JFCY07/1.5H	7 x 1.5	30/0.25	9.7	280
JFCY12/1.5H	12 x 1.5	30/0.25	12.6	338
JFCY19/1.5H	19 x 1.5	30/0.25	15.0	508
JFCY25/1.5H	25 x 1.5	30/0.25	18.9	705

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