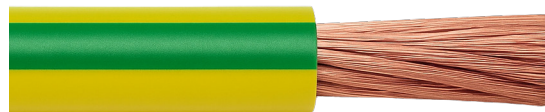


FLEXIBLE SINGLE CORE CABLES

HYPERFLEX™ HFE SERIES

Ultra Performance Flexible Rubber LSHF
Earth Cable 0.6/1kV 110°C



APPLICATIONS:

Data Centers LSHF cables boost safety, minimize toxic emissions, ensure compliance, and provide reliable performance in high-density cabling applications.

Power Supply for Switchboards, flexible droppers from busbars, transformers, load banks or other equipment requiring fixed or flexible cable.

Welding Suitable for welding and electrode leads.

Generator Sets As leads for temporary power supplies.

Automotive Battery leads or jumpers, battery chargers, electric forklifts.

Telecommunications Where finely stranded large cross section cables are required for minimal volt drop.

Greenstar applications: PVC-free, Low Smoke Halogen Free construction suitable for sustainable building standards.

FEATURES	BENEFITS
EASY RUN™ finely stranded class 6 conductors provide extreme flexibility and superior bending radius.	Making it easier and faster to install, especially in confined spaces.
FLEXI CHILL™ remains flexible in cold temperatures.	Making it easy to install in cold conditions.
Low Smoke Halogen Free (LSHF)	Minimises toxic fumes and smoke in the event of a fire.
Flame retardant made to IEC 60332-3-22	Reduces fire spread in high-density, bunched cable routes through critical areas, ensuring minimised flame propagation.
Submersible to 200m	Provides dependable operation in demanding submerged environments.

CONSTRUCTION:

Conductor: Annealed plain copper stranded extreme flexibility (Class 6)

Insulation: X-HF-110

CHARACTERISTICS:

Operating Temperature Range Fixed - 40°C to 110°C, flexing -30°C to 100°C

Maximum Conductor Temperature 110°C (Current ratings are based on 30°C air temp. See technical section for de-rating factors).

Rated Voltage U_o/U 0.6/1kV.

Max AC Operating Voltage U_o 0.7kV.

Minimum Bending Radius Fixed 4 x cable diameter / Flexing 6 x cable diameter.

Colour Green/Yellow.

Relevant Standards IEC 60332-1, AS/NZS 5000.1, AS/NZS 1125, AS/NZS 3808, AS/NZS 3008, IEC 61034-2, IEC 60754-1, **RoHS** Compliant.

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HYPERFLEX™ HFE SERIES continued



Code	No. of Cores x Size	Approx. Overall Diameter	Approx. weight of cable
	(mm ²)	(mm)	(Kg/Km)
HFE006	1 x 6.0	4.9	65.5
HFE010	1 x 10	5.7	102.2
HFE016	1 x 16	6.8	156.1
HFE025	1 x 25	8.5	242.5
HFE035	1 x 35	9.7	332.6
HFE050	1 x 50	11.7	475.5
HFE070	1 x 70	13.5	667.3
HFE095	1 x 95	15.3	871.2
HFE120	1 x 120	17	1108.6
HFE150	1 x 150	19.1	1397.1
HFE185	1 x 185	21.4	1707.6
HFE240	1 x 240	24	2230.2
HFE300	1 x 300	26.6	2771.5
HFE400	1 x 400	30.2	3590.9
HFE500	1 x 500	34.1	4538.8
HFE630	1 x 630	39	5993.9