



AMC CORRONEX

Application

Corronex LR is our Lloyd's Register-approved, halogen-free, flame-retardant cross-linked shipboard cable, rated up to 0.6/1kV. Tinned Copper Class 5 conductor, EPR insulation with HFFR outer sheath. Designed for demanding marine and industrial environments. They are specifically used for fixed wiring where fire safety, high flexibility, and resistance to environmental factors are essential. Flexible cable with increased durability to fire, chemical and UV exposure, with halogen-free emissions.

Environmental statement

AMC take every action possible to ensure we are a sustainable, and environmentally aware manufacturer. End-of-life care; ensure that all cable product is disposed of inline with relevant WEEE Regulations.

Specification

Voltage	0.6/1kv
Cores	Class 5 Conductor (Tinned)
Insulation	EPR
Sheath	HFFR
Operating Temperature	-40° to 90°C
Min Bend Radius	<6x OD

Standards (Compliance / Certification)

IEC 60092-353
IEC 60332-1-2
BS6883
Lloyd's Register-approved

Part No.	Conductor Specification (mm)	Conductor Cross Section (mm²)	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Maximum Resistance Per Metre at 20°C (Ohms)	Sheath Colours	Reel Sizes (Metres)
CLR1	32/0.20	1	5.6	16.5	0.01910	Blue/Yellow/ Black/Red	30, 50, 100, 500
CLR1.5	21/0.30	1.5	5.8	21	0.01300		
CLR2.5	35/0.30	2.5	6.2	29	0.00782		
CLR4	56/0.30	4	6.6	39	0.00485		
CLR6	84/0.30	6	7.3	50	0.00323		
CLR10	80/0.40	10	8.4	70	0.00185		
CLR16	203/0.30	16	9.8	110	0.00124		
CLR25	322/0.30	25	11.5	170	0.00079		
CLR35	455/0.30	35	14.4	240	0.00056		

Typical Applications



MARINE WIRING



HAZARDOUS ENVIRONMENTS



SUBMERSIBLE PUMPS



EMERGENCY LIGHTING



MOTOR BOATS (MARINE)



BILGE PUMPS



CONTROL AND PLANT ROOMS



SECURITY SYSTEMS

The conductor specifications shown are representative configurations; actual cable strand may differ slightly, but will meet the resistance values shown. Nominal current amperage ratings are provided as a guide only, and can vary depending on the application, condition and environmental factors. If in doubt, please consult a qualified electrician.