

AMC CORRONEX



Corronex LR

Application

Halogen free, flame retardant cross-linked shipboard and off shore cable, rated upto 0.6/1kV. Tin plated flexible copper conductor, EPR insulation with HFFR outer sheath. Flexible cable with increased durability to fire, chemical and IV exposure, with halogen free emissions.

Manufactured standards

Cores manufactured to IEC 60092-353

Conductor

Tin plated annealed copper in accordance with Class.5 IEC 60228

Insulation

EPR

Sheath

HFFR

Voltage rating

0.6/1kV

Operating temperatures

-40°C to 90°C

Flame retardancy

Tested and passed to IEC 60332-1-2

Minimum bend radius

<6x OD

Chemical resistance

Resistant to petrol, diesel, lubricating oils, diluted acids and salt water

Test report no.

NAC6510-1X, NAC651F

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.

Part No.	Conductor Specification (mm)	Conductor Cross Section (mm ²)	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		

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.

* Indicates values of the sheathing compounds not the finished cable.