



AMC ARCTIC-T

Application

AMC Arctic-T is a tinned copper conductor sheathed in specialized cold-resistant PVC compound for both insulation and the outer sheath, preventing it from becoming brittle and cracking in sub-zero conditions, and manufactured in accordance to British Standard BS 6004. It is manufactured in blue or yellow sheathing for easy identification on snow-covered or low-light construction sites. It offers superior resistance to abrasion and water ingress while maintaining flexibility at room temperature, similar to elastomer-sheathed cables. Tinned copper acts as a barrier against oxidation and corrosion, particularly when exposed to moisture, salt spray, or high humidity. This is crucial for marine environments, such as on boats and ships.

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	300/500v
Cores	Class 5 Conductor (Tinned)
Sheath	Cold Resistant PVC
Operating Temperature	-40° to 60°C
Min Bend Radius	<6x OD

Standards (Compliance / Certification)

BS EN 60228:2005
IEC 60332-1-2
BS 6004

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	Core Colours	Reel Sizes (Metres)
AT03/02	32/0.20	1	6.8	16.5	0.0191	Blue, Yellow	Blue, Brown, Green/Yellow	30, 50, 100, 500
AT03/03	21/0.30	1.5	8.1	21	0.0130			
AT03/04	35/0.30	2.5	10	29	0.00782			
AT03/05	56/0.30	4	11.3	39	0.00485			
AT03/06	84/0.30	6	12.7	50	0.00323			

Typical Applications



SHORE POWER CABLE (MARINE)



RV/CARAVAN HOOK UP (AUTO)



COLD-STORAGE FACILITIES



LIGHTING CIRCUITS



CARAVANS AND MOTORHOMES



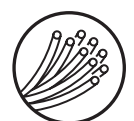
ENGINE ROOMS AND ENCLOSED AREAS



TEMPORARY POWER SYSTEMS



AUXILLARY EQUIPMENT



MARINE WIRING

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.