



## Tri-rated Three-core flame retardant PVC Cable

Cores in accordance with BS 6231 / UL758\* / CSA 22.2\*

### Application

Specialist cable, heat and flame retardant, yellow sheathing suitable for marine applications in accordance with ISO 13297. Utilising Tri-rated flame retardant cores.

### Approvals

BASEC Approved Product  
Test report no.: W1TTA2870  
BS 6231 / EN 50525-2-31 / UL758\* / CSA 22.2\* / IEC 60228  
Cores flame retardant in accordance with IEC 60332-1-2  
Outer sheathing:- Type tested in accordance with ISO 6722-1:2011 class.B.

### Quality statement

AMC are a certified BASEC Approved Manufacturer, and accredited to ISO 9001 by NQA.

### 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.

Characteristic	Declared Performance (of cores)	Declared performance (outer sheathing)
Temperature range	*UL / CSA: -15°C to +90°C BS 6231: -15°C to +90°C Suitable at -40°C for fixed installations	PASS
Operating voltage	0.6 / 1kV	
Application of insulation	PASS	
Durability	PASS	
Legibility	PASS	
Marking legend	PASS	
Voltage test	PASS	
Overall diameter	PASS	
Flame propagation	PASS	
Conductor construction	PASS	
Bending at low temperature	PASS	
Long term resistance of insulation to D.C.	PASS	
Pressure test at high temperature	PASS	
Resistance to cracking insulation (heat shock)	PASS	
Thickness of insulation	PASS	
Maximum diameter of wires	PASS	
Conductor resistance	PASS	
Insulation resistance insulation	PASS	
Tensile test on insulation	PASS	
Loss of mass insulation	PASS	

Part No	Conductor cross section (mm²)	Cable OD (mm)	Maximum Resistance Per Metre at 20°C (Ohms)	Colour
3TRO3/07	2.5	3.8	0.0076	Yellow outer, cores; green/yellow, brown, blue.  Any combination of bi-colours can also be made available by AMC.  R: RED B: BLACK G: GREEN LG: LIGHT GREEN U: BLUE Y: YELLOW N: BROWN P: PURPLE K: PINK S: SLATE GREY W: WHITE O: ORANGE
3TRO3/09	4	4.2	0.00471	
3TRO3/11	6	4.9	0.00314	

Indicates the manufacturing standard applicable to the cores only. Twins and multicore sheathed at 70°C

\*AMC tri-rated cable is certified to BS 6231 and compliant to UL758 and CSA 22.2