



## AMC LOW SMOKE

### Application

AMC LOW SMOKE is a single-core, low-voltage, low-smoke, Zero Halogen (LSZH) wiring designed for installation within conduit, trunking or inside fixed protected environments.

- 2491B (0.5mm<sup>2</sup> - 1mm<sup>2</sup>)
- 6701B (1.5mm<sup>2</sup> - 10mm<sup>2</sup>)

Installation in surface-mounted or embedded conduits, or similar closed systems and for fixed protected installation in or on lighting fittings and inside appliances, switch gear and control gear, particularly for situations in which low emissions of smoke and acid gas are required. Green/Yellow for use as earth can be installed without mechanical protection.

### 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	2491B – 300/500v 6701B – 450/750v
Cores	Class 5 Conductor
Insulation	LSZH
Operating Temperature	-25° to 90°C
Min Bend Radius	<6x OD
UV Resistant	Yes
Halogen Free	Yes

### Standards (Compliance / Certification)

BS-EN50525-3-41

IEC 60228

IEC 60332-1-2

Part No	Conductor Specification (mm)	Conductor Cross Section (mm <sup>2</sup> )	Maximum Overall Diameter (mm)	Nominal Current Rating (Amps)	Maximum Resistance Per Metre at 20°C (Ohms)	Colour	Reel Sizes (Metres)
OH1	32/0.20	1	2.62	16.5	0.0185	Single core cables are available in the following colours: (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, (GY) GREEN / YELLOW.  Any combination of two of the above colours can be made available upon request.	100
OH2.5	35/0.30	2.5	3.72	29	0.0076		
OH4	56/0.30	4	4.25	39	0.00471		
OH6	84/0.30	6	4.82	50	0.00314		
OH10	80/0.40	10	6.19	70	0.00182		
OH16	126/0.40	16	7.95	110	0.00116		

### Typical Applications



PUBLIC BUILDINGS



SWITCHGEAR & SWITCHBOARDS



APPLIANCES



DATA CENTRES



DISTRIBUTION BOARDS & CABINETS



TUNNELS AND ENCLOSED WALKWAYS



ENVIRONMENTS REQUIRING HALOGEN-FREE, LOW-TOXICITY PERFORMANCE

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.