

AMC LOWSMOKE



Low Smoke Zero Halogen

Application

2491B ($\leq 1\text{mm}^2$) / 6701B ($\geq 1.5\text{mm}^2$) is a single-core, low-voltage, low-smoke, Zero Halogen (LSZH) wiring designed for installation within conduit, trunking or inside fixed protected environments. 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.

Manufactured standards

Manufactured in accordance with BS-EN 50525-3-41

Conductor

Bare copper in accordance with IEC 60228

Insulation

LSZH

Voltage rating

0.5mm – 1mm: 300/500V
1.5mm – 10mm: 450/750V

Operating temperature

-25°C to 90°C

Flame propagation & retardancy

Cores type tested, in accordance with IEC 60332-1-2 Flame Propagation – Single Cable Standard

Minimum bend radius

<6x OD

UV resistance

Yes

Halogen free

Yes

Low smoke

Yes

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)	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		

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.