8791 300V LSZH Alternative Cable

Eland Product Group: A3B

CHARACTERISTICS

Voltage Rating
300V

Temperature Rating
+70°C

CONSTRUCTION

Conductor
Tinned copper conductor

Insulation
PVC (Polyvinyl Chloride)

Braid
Tinned copper (80% coverage)

Sheath
PVC (Polyvinyl Chloride)

Core Identification
● Red ● Black ○ White

Sheath Colour
● Dark Grey

THE CABLE LAB®

AN ISO/IEC 17025 AND IECEE CBTL ACCREDITED FACILITY

Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.

SUSTAINABILITY COMMITMENT

We are on a journey to Net Zero.

We've committed to near-term emissions reductions and a net-zero target with the Science Based Targets initiative and we're a signatory to the United Nations Global Compact Sustainable Development Goals.

Learn more about embodied carbon and our carbon emissions reduction actions, our comprehensive recycling services, and wider ESG activities for sustainable operations at: www.elandcables.com/company/about-us/esg-sustainability

REGULATORY COMPLIANCE

This cable is compliant with European Regulation EN 50575, the Construction Products Regulation.

This cable meets the requirements of the Low Voltage Directive 2014/35/EU, the RoHS Directive 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab®.

DIMENSIONS

ELAND PART NO.	NO. OF CORES	AWG (NO. OF STRANDS)	NOMINAL DIAMETER OF STRANDS mm	NOMINAL DIAMETER OF INSULATION mm	NOMINAL THICKNESS OF SHEATH mm	NOMINAL OVERALL DIAMETER mm
A3B8791LSZH300V	3	AWG18(7)	0.404	0.60	0.71	6.6

ELECTRICAL CHARACTERISTICS

MINIMUM DC INSULATION RESISTANCE AT 20°C Mohms/m	MAXIMUM DC RESISTANCE OF CONDUCTOR AT 20°C ohms/100m	NOMINAL CAPACITANCE CONDUCTOR TO CONDUCTOR PF/M	NOMINAL CAPACITANCE CONDUCTOR TO CONDUCTOR & BRAID PF/M	NOMINAL VELOCITY %	NOMINAL IMPEDANCE Ω
>200	<84.6	42	75	66	120