9503 PVC - LSF Alternative Cable

Eland Product Group: A3B

APPLICATION

9501-9510 PVC-LSF Alternative cable provides protection against electrical interference. Suitable for use over long distances at high performance levels and where low signal distortion is required. Used for instrumentation control and RS232 applications.

CHARACTERISTICS

Voltage Rating
300V

Temperature Rating
Fixed: -20°C to +80°C

CONSTRUCTION

Conductor
Class 2 stranded tinned copper

Insulation
PVC (Polyvinyl Chloride)

Screen
Al/Foil (Aluminium Foil)

Drain Wire
Tinned copper

Sheath
PVC-LSF (Polyvinyl Chloride-Low Smoke Fume)

Core Identification
Pair 1: ● Black ● Red
Pair 2: ● Black ○ White
Pair 3: ● Black ● Green

Sheath Colour
● Grey

ISO/IEC 17025 LABORATORY TESTED

This product is subject to the Quality Assurance protocols of The Cable Lab®, an ISO/IEC 17025 accredited cable testing laboratory. Testing includes vertical flame, conductor resistance, tensile & elongation, and dimensional consistency, verified to published standards and approved product drawings.

UKAS ISO/IEC 17025 Accredited Testing Laboratory 8578

bsi. ISO 9001 Quality Management FS 672069 | ISO 14001 Environmental Management EMS 672067 | ISO 45001 Occupational Health and Safety Management OHS 672066

REGULATORY COMPLIANCE

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

CPR COMPLIANT EN 50575

This cable meets the requirements of the Low Voltage Directive 2014/35/EU and the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab® as meeting the requirements of the BSI RoHS Trusted Kitemark™.

bsi. RoHS Trusted KITEMARK™ KM 634267 | RoHS | CE

DIMENSIONS

ELAND PART NO.	NO. OF PAIRS	AWG (NO. OF STRANDS)	NOMINAL DIAMETER OF STRANDS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A3B9503LSFGR	3	AWG24(7)	0.2	5.3	45

ELECTRICAL CHARACTERISTICS

CAPACITANCE AT 1kHz pF/m	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km
94	94.1

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