

8778 PVC - LSF Alternative Cable



Eland Product Group: A3B

APPLICATION

8778 Alternative cable is suitable for instrumentation, computer and security applications, point of sale, control systems, and RS232 applications.

CHARACTERISTICS

Voltage Rating
300V

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

CONSTRUCTION

Conductor
Class 2 stranded tinned copper

Insulation
PP (Polypropylene)

Individual Screen
Aluminium foil tape

Drain Wire
Stranded tinned copper

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

Core Identification

Pair 1: ● Black ● Red
Pair 2: ● Black ○ White
Pair 3: ● Black ● Green
Pair 4: ● Black ● Blue
Pair 5: ● Black ● Yellow
Pair 6: ● Black ● Brown

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.



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 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™.





DIMENSIONS

ELAND PART NO.	NO. OF PAIRS	AWG (NO. OF STRANDS)	NOMINAL DIAMETER OF STRANDS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A3B8778LSFGR	6	AWG22(7)	0.25	8.0	126

ELECTRICAL CHARACTERISTICS

CAPACITANCE AT 1kHz pF/m	MAXIMUM RESISTANCE OF CONDUCTOR ohms/km
164	49.2