

Belden 9510 - LSF (Belden Alternative) Cable



Eland Product Group: **A3B**

APPLICATION

Belden 9510 - LSF (Belden Alternative) overall screened 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.

CONSTRUCTION

Conductor

Class 2 stranded tinned copper conductor

Insulation

PVC (Polyvinyl Chloride)

Screen

AL-Foil (Aluminium Foil)

Drain Wire

Tinned copper

Sheath

LSF (Low Smoke and Fume)

CABLE STANDARDS

RS232, generally to Belden 9510



The electrical and dimensional properties of this product are measured by the Technical and Quality Assurance department at the Eland Cables laboratory. Cable performance in respect of conductor resistance, construction quality (workmanship), dimensional consistency, and other parameters are verified to published standards and approved product drawings. Conformance to RoHS (Restriction of the use of Hazardous Substances) is determined and confirmed.

CHARACTERISTICS

Voltage Rating

300V

Temperature Rating

Fixed: -20°C to +80°C

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
- Pair 7: ● Black ● Orange
- Pair 8: ● Red ○ White
- Pair 9: ● Red ● Green
- Pair 10: ● Red ● Blue

Sheath Colour

- Grey

DIMENSIONS

ELAND PART NO.	BELDEN ALTERNATIVE	NO. OF PAIRS	AWG (NO. OF STRANDS)	NOMINAL DIAMETER OF STRANDS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A3B9510LSFGR	9510LSF	10	AWG24(7)	0.2	9.5	119

ELECTRICAL CHARACTERISTICS

ELAND PART NO.	BELDEN ALTERNATIVE	CAPACITANCE AT 1kHz pF/m	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km
A3B9510LSFGR	9510LSF	94	94.1