

# Belden 9506 - LSF (Belden Alternative) Cable



Eland Product Group: **A3B**

## APPLICATION

Belden 9506 - 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 9506



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

### 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
A3B9506LSFGR	9506LSF	6	AWG24(7)	0.2	7.34	65

## ELECTRICAL CHARACTERISTICS

ELAND PART NO.	BELDEN ALTERNATIVE	CAPACITANCE AT 1kHz pF/m	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km
A3B9506LSFGR	9506LSF	94	94.1