

# Belden 8777 - LSF (Belden Alternative) Cable



Eland Product Group: **A3B**

## APPLICATION

Belden 8777 - LSF (Belden Alternative) cable is suitable for instrumentation, computer and security applications, point of sale, control systems, and RS232 applications.

## CABLE STANDARDS

RS232, UL1581 and Belden equivalents



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.

## CONSTRUCTION

### Conductor

Class 2 stranded tinned copper conductor

### Insulation

PE (Polyethylene)

### Individual Screen

Aluminium foil tape

### Drain Wire

Stranded tinned copper

### Sheath

LSF (Low Smoke and Fume)

## 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

### 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
A3B8777LSFGR	8777LSF	3	AWG22(7)	0.25	5.8	65

## ELECTRICAL CHARACTERISTICS

ELAND PART NO.	BELDEN ALTERNATIVE	CAPACITANCE AT 1kHz pF/m	MAXIMUM RESISTANCE OF CONDUCTOR ohms/km
A3B8777LSFGR	8777LSF	98.4	60.2

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.