

Belden 8770 - LSF (Belden Alternative) Cable



Eland Product Group: **A3B**

APPLICATION

Belden 8770 - LSF (Belden Equivalent) RS232 data cable is a general purpose overall screened cable. With protection against electrical interference, this cable is suitable for RS232 applications.

CABLE STANDARDS

RS232



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)

Drain Wire

Tinned copper

Screen

Aluminium foil

Sheath

LSF (Low Smoke and Fume)

CHARACTERISTICS

Voltage Rating

600V

Temperature Rating

Fixed: -20°C to +80°C

Core Identification

3 core: ● Red ● Black ● Transparent

Sheath Colour

● Grey

DIMENSIONS

ELAND PART NO.	BELDEN ALTERNATIVE	NO. OF CORES	AWG (NO. OF STRANDS)	NOMINAL DIAMETER OF STRANDS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A3B8770LSFGR	8770LSF	3	AWG18(16)	0.25	6.25	57

ELECTRICAL CHARACTERISTICS

ELAND PART NO.	BELDEN ALTERNATIVE	CAPACITANCE AT 1kHz pF/m	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km
A3B8770LSFGR	8770LSF	70	26.3

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.