

Belden 8162 - LSF 300V (Belden Alternative) Cable



Eland Product Group: **A3B**

APPLICATION

Low Capacitance Computer Cable for EIA RS-232/422 and Digital.

CONSTRUCTION

Conductor

Class 2 stranded tinned copper

Insulation

Gas Injection Foam PE (Polyethylene)

Drain Wire

Tinned copper wire

Individual Screen

AL-PET (Aluminium Foil/Polyester tape)

Collective Screen

AL-PET (Aluminium Foil/Polyester tape)

Screen 3

TCWB (Tinned Copper Wire Braid)

Sheath

LSF PVC (Low Smoke Fume Polyvinyl Chloride)

CABLE STANDARDS

UL1581, UL758 Generally to Belden 8162 LSF. EIA RS/232/422



REACH



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

-20°C to +80°C

Minimum Bending Radius

10 x overall diameter

Core Identification

2 core ● Black + ● Red

2 core ● Black + ○ White

Sheath Colour

● Grey

Other colours available upon request

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
A3B8162LSF	8162LSF	2	AWG24(7)	0.2	8.71	85

ELECTRICAL CHARACTERISTICS

VELOCITY TO PROPAGATION %	IMPEDANCE ohms	CAPACITANCE AT 1kHz pF/m	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km
78	100	41	<84.6