

Belden 9463 - LSF (Belden Alternative) Cable



Eland Product Group: **A3B**

APPLICATION

Paired computer cables. These cables were originally developed for I/O switching and process control applications and are now widely used in commercial applications for building management systems.

CONSTRUCTION

Conductor

Class 2 stranded tinned copper

Insulation

PE (Polyethylene)

Screen

Screen 1: Aluminium foil

Screen 2: TCWB (Tinned Copper Wire Braid)

Sheath

LSF (Low Smoke and Fume)

CABLE STANDARDS

Generally to Belden 9463



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

Minimum Bending Radius

Fixed: 12 x overall diameter

Flexed: 15 x overall diameter

Core Identification

○ White and ● Blue

Sheath Colour

● Blue

DIMENSIONS

ELAND PART NO.	BELDEN ALTERNATIVE	NO. AND NOMINAL DIAMETER OF STRANDS No./mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A3B9463LSFBL	9463LSF	7/0.32	6.2	58

ELECTRICAL CHARACTERISTICS

ELAND PART NO.	BELDEN ALTERNATIVE	CAPACITANCE AT 1kHz pF/m	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km
A3B9463	9463LSF	65	36.7