

# Twinaxial Cables (Belden Equivalent)

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.

## Technical Data

### Conductor

9207LSF: 1 Stranded tinned copper and 1 stranded bare Copper

9272LSF: Stranded tinned copper

9463LSF: Stranded tinned copper

### Dielectric

PE (Polyethylene)

### Inner Sheath

PE (Polyethylene)

### Screen

9207LSF

Screen 1: Aluminium Foil PE (Polyethylene) - Aluminium Foil Laminate.

Screen 2: TCWB (Tinned Copper Wire Braid)

9272LSF

TCWB (Tinned Copper Wire Braid)

9463LSF

Screen 1: Aluminium Foil PE (Polyethylene) - Aluminium Foil Laminate.

Screen 2: TCWB (Tinned Copper Wire Braid)

### Sheath

LSF (Low Smoke and Fume)

### Sheath Colour

9207LSF: Black

9272LSF: Blue

9463LSF: Blue

### Voltage Rating

300V

### Temperature Rating

80°C

### Core Identification

9207LSF: Natural and Natural

9272LSF: Clear and Blue

9463LSF: Clear and Blue

## Dimensions

Eland Part Number	Belden Alternative	No. and Nominal Diameter of Strands #/mm	Nominal Thickness of Dielectric mm	Nominal Overall Diameter mm	Nominal Weight kg/Km
A3B9207	9207LSF	7/0.32	0.50	8.40	89
A3B9272	9272LSF	7/0.32	0.50	6.20	58
A3B9463LSFBL	9463LSF	7/0.32	0.50	6.20	58

## Electrical Characteristics

Eland Part Number	Belden Alternative	Capacitance at 1khz pF/m	Max Conductor Resistance ohms/Km
A3B9207	9207LSF	47.5	34.0
A3B9272	9272LSF	65.0	33.2
A3B9463	9463LSF	65.0	31.2

The information contained within this datasheet is for guidance only. When selecting accessories such as cleats, glands, etc please note that actual cable dimensions may vary due to manufacturing tolerances.