

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.

**Conductor**

9207LSF: 1 Stranded tinned copper and 1 stranded bare Copper
 9272LSF: Stranded tinned copper
 9463LSF: Stranded tinned copper

Insulation

PE (Polyethylene)

Dielectric

PETP (Polyethylene Terephthalate)

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