

# Unscreened Single Pair Cables (Belden Equivalent)

Eland Product Group **A3B**



## Application

Unscreened Single Pair Cable (Belden Equivalent) is suitable for use in instrumentation, security, data, bus and audio applications where protection against electrical interference is not required.

## Technical Data

### Conductor

Stranded tinned copper

### Voltage Rating

300V

### Insulation

PVC (Polyvinyl Chloride)

### Temperature Rating

8205LSF: 80°C

8442LSF: 75°C

8471LSF: 60°C

### Sheath

LSF (Low Smoke and Fume)

### Core Identification

8205LSF 1 Pair: Black/Red

8442LSF 1 Pair: Black/Red

8471LSF 1 Pair: Black /White

### Sheath Colour

Grey

## Dimensions

Eland Part Number	Belden Alternative	No. of Pairs x Pair x AWG (No. of Strands) # x # x AWG (#)	Nominal Diameter of Strands mm	Nominal Overall Diameter mm	Nominal Weight kg/Km
A3B8205LSFGR	8205LSF	1 x 2 x AWG20(7)	0.320	4.57	25
A3B8442LSFGR	8442LSF	1 x 2 x AWG22(7)	0.254	4.32	22
A3B8471LSFGR	8471LSF	1 x 2 x AWG16(19)	0.287	6.96	54

## Electrical Characteristics

Eland Part Number	Belden Alternative	Capacitance at 1khz pF/m	Max Conductor Resistance ohms/Km
A3B8205LSFGR	8205LSF	80.4	32.8
A3B8442LSFGR	8442LSF	98.4	51.2
A3B8471LSFGR	8471LSF	108.3	14.7

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.