

# Overall Screened Single Pair Cables (Belden Equivalent)

Eland Product Group **A3B**



## Application

Overall Screened Single Pair Cable (Belden Equivalent) is suitable for use in instrumentation, data and audio applications where protection against electrical interference is required. Cables with polyethylene insulation show lower signal loss than those using PVC.

## Technical Data

### Conductor

Stranded tinned copper

### Insulation

PE (Polyethylene)

### Screen

Aluminium foil spiral shield

### Sheath

LSF (Low Smoke and Fume)

### Sheath Colour

Grey

### Temperature Rating

8451LSF: 75°C  
8760LSF: 60°C  
8761LSF: 60°C  
8762LSF: 60°C  
8719LSF: 80°C

### Core Identification

8451LSF 1 Pair: Black, Red  
8760LSF 1 Pair: Black, Clear  
8761LSF 1 Pair: Black, Clear  
8762LSF 1 Pair: Black, Clear  
8719LSF 1 Pair: Black, Clear

### Voltage Rating

8451LSF: 300V  
8760LSF: 300V  
8761LSF: 300V  
8762LSF: 300V  
8719LSF: 600V

## 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
A3B8451LSFGR	8451LSF	1 x 2 x AWG22(7)	0.254	3.51	23
A3B8760LSFGR	8760LSF	1 x 2 x AWG18(16)	0.254	5.65	46
A3B8761LSFGR	8761LSF	1 x 2 x AWG22(7)	0.254	4.90	26
A3B8762LSFGR	8762LSF	1 x 2 x AWG20(7)	0.320	5.60	38
A3B8719LSFGR	8719LSF	1 x 2 x AWG16(19)	0.300	7.95	84

## Electrical Characteristics

Eland Part Number	Belden Alternative	Capacitance at 1kHz pF/m	Max Conductor Resistance ohms/Km
A3B8451LSFGR	8451LSF	111.5	47.6
A3B8760LSFGR	8760LSF	97.8	21.3
A3B8761LSFGR	8761LSF	78.7	52.5
A3B8762LSFGR	8762LSF	88.6	31.2
A3B8719LSFGR	8719LSF	75.0	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.