

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.

Conductor

Stranded tinned copper

Insulation

PE (Polyethylene)

Screen

Aluminium foil spiral shield

Sheath

LSF (Low Smoke and Fume)

Sheath Colour

Grey

Voltage Rating

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

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



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