

Individually Screened Multi-Pair Cables (Belden Equivalent)

Eland Product Group **A3B**



Application

Individually Screened Multi-Pair Cable (Belden Equivalent) is designed to prevent cross-talk between pairs and ensures excellent protection from electrical interference. Suitable for instrumentation, computer and security applications, point of sale, control systems, and RS232 applications.

Technical Data

Conductor

Stranded tinned copper

Insulation

PP (Polypropylene)

Screen

Aluminium foil screen

8728LSF: Aluminium foil screened pairs plus an overall aluminium foil screen

Drain Wire

Tinned copper

Armouring

8723 SWA: SWA (Steel Wire Armour)

Sheath

8723LSF: (Low Smoke and Fume)

8723PE: (Polyethylene)

8723SWA PE: (Polyethylene)

8723LSZH: (Low Smoke Zero Halogen)

8728LSF: (Low Smoke and Fume)

8777LSF: (Low Smoke and Fume)

8778LSF: (Low Smoke and Fume)

Sheath Colour

8723LSF: Grey

8723PE: Black

8723SWA PE: Black

8723LSZH: Grey

8728LSF: Grey

8777LSF: Grey

8778LSF: Grey

Voltage Rating

8723LSF: 300V

8723PE: 300V

8723SWA PE: 300V

8723LSZH: 300V

8728LSF: 300V

8777LSF: 30V

8778LSF: 30V

Temperature Rating

8723LSF: -20°C to +80°C

8723PE: -40°C to +80°C

8723SWA PE: -40°C to +80°C

8723LSZH: -20°C to +60°C

8728LSF: -20°C to +80°C

8777LSF: -20°C to +80°C

8778LSF: -20°C to +80°C

Core Identification

8723LSF 2 Pairs: Black/Red, Green/White

8723PE 2 Pairs: Black/Red, Green/White

8723SWA PE 2 Pairs: Black/Red, Green/White

8723LSZH 2 Pairs: Black/Red, Green/White

8728LSZH 2 Pairs: Black/Red, Green/White

8777LSF 3 Pairs: Black/Red, Black/White, Black/Green

8778LSF 6 Pairs: Black/Red, Black/White,

Black/Green, Black/Blue, Black/Yellow, Black/Brown

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
A3B8723LSF*	8723LSF	2 x 2 x AWG22(7)	0.254	4.27	30
A3B8723PE*	8723PE	2 x 2 x AWG22(7)	0.254	4.27	30
A3B8723SWA/PE	8723SWA PE	2 x 2 x AWG22(7)	0.254	8.20	210
A3B8723LSZH*	8723LSZH	2 x 2 x AWG22(7)	0.254	4.27	30
A3B8728LSF*	8728LSF	2 x 2 x AWG22(7)	0.254	5.46	45
A3B8777LSF*	8777LSF	3 x 2 x AWG22(7)	0.254	6.93	65
A3B8778LSF*	8778LSF	6 x 2 x AWG22(7)	0.254	9.20	126

Electrical Characteristics

Eland Part Number	Belden Alternative	Capacitance at 1khz pF/m	Max Conductor Resistance ohms/Km
A3B8723LSF*	8723LSF	114.8	48.2
A3B8723PE*	8723PE	114.8	48.2
A3B8723SWA/PE	8723SWA PE	114.8	48.2
A3B8723LSZH*	8723LSZH	114.8	48.2
A3B8728LSF*	8728LSF	114.8	55.7
A3B8777LSF*	8777LSF	98.4	49.2
A3B8778LSF*	8778LSF	164.0	49.2

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.