

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.

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

