



Belden 9327 Multi-Conductor Audio, Control and Instrumentation Cable



Eland Product Group: A4B

APPLICATION

A multi-pair cable for audio, control and instrumentation applications.

CHARACTERISTICS

Voltage Rating
300V

Temperature Rating
-20°C to +80°C

Minimum Bending Radius
10 x overall diameter

CONSTRUCTION

Conductor
Class 2 stranded tinned copper

Insulation
PVC (Polyvinyl Chloride)

Screen
Beldfoil[®] (Aluminium foil polyester tape)

Drain Wire
Tinned copper

Sheath
PVC (Polyvinyl Chloride)

Pair Identification

Pair 1: ● Black ● Red	Pair 15: ● Green ● Blue
Pair 2: ● Black ○ White	Pair 16: ● Green ● Yellow
Pair 3: ● Black ● Green	Pair 17: ● Green ● Brown
Pair 4: ● Black ● Blue	Pair 18: ● Green ● Orange
Pair 5: ● Black ● Yellow	Pair 19: ○ White ● Blue
Pair 6: ● Black ● Brown	Pair 20: ○ White ● Yellow
Pair 7: ● Black ● Orange	Pair 21: ○ White ● Brown
Pair 8: ● Red ○ White	Pair 22: ○ White ● Orange
Pair 9: ● Red ● Green	Pair 23: ● Blue ● Yellow
Pair 10: ● Red ● Blue	Pair 24: ● Blue ● Brown
Pair 11: ● Red ● Yellow	Pair 25: ● Blue ● Orange
Pair 12: ● Red ● Brown	Pair 26: ● Brown ● Yellow
Pair 13: ● Red ● Orange	Pair 27: ● Brown ● Orange
Pair 14: ● Green ○ White	

Sheath Colour

● Grey

STANDARDS

Belden 9327, UL Style 2464

Vertical tray fire propagation and smoke release test:
UL 1685 FT4

THE CABLE LAB[®]

AN ISO/IEC 17025 AND IECEE CBTL ACCREDITED FACILITY

Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.



SUSTAINABILITY COMMITMENT

We are on a journey to Net Zero.

We've committed to near-term emissions reductions and a net-zero target with the Science Based Targets initiative and we're a signatory to the United Nations Global Compact Sustainable Development Goals.

Learn more about embodied carbon and our carbon emissions reduction actions, our comprehensive recycling services, and wider ESG activities for sustainable operations at: www.elandcables.com/company/about-us/esg-sustainability



REGULATORY COMPLIANCE

This cable is compliant with European Regulation EN 50575, the Construction Products Regulation.



This cable meets the requirements of the Low Voltage Directive 2014/35/EU and the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab[®] as meeting the requirements of the BSI RoHS Trusted Kitemark[™].





DIMENSIONS

ELAND PART NO.	BELDEN REFERENCE	NO. OF PAIRS	AWG (NO. OF STRANDS)	NOMINAL DIAMETER OF STRANDS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A4B9327	9327	27	AWG22(7)	0.326	15.621	319.963

ELECTRICAL CHARACTERISTICS

AWG (NO. OF STRANDS)	CAPACITANCE		INDUCTANCE $\mu\text{H}/\text{m}$	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km
	Conductor to Conductor $\mu\text{F}/\text{m}$	Conductor to Shield $\mu\text{F}/\text{m}$		
AWG22(7)	114.835	164.05	0.6562	54.1365

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.