

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 2: ● Black ○ White
 Pair 3: ● Black ● Green
 Pair 4: ● Black ● Blue
 Pair 5: ● Black ● Yellow
 Pair 6: ● Black ● Brown
 Pair 7: ● Black ● Orange
 Pair 8: ● Red ○ White
 Pair 9: ● Red ● Green
 Pair 10: ● Red ● Blue
 Pair 11: ● Red ● Yellow
 Pair 12: ● Red ● Brown
 Pair 13: ● Red ● Orange
 Pair 14: ● Green ○ White

Pair 15: ● Green ● Blue
 Pair 16: ● Green ● Yellow
 Pair 17: ● Green ● Brown
 Pair 18: ● Green ● Orange
 Pair 19: ○ White ● Blue
 Pair 20: ○ White ● Yellow
 Pair 21: ○ White ● Brown
 Pair 22: ○ White ● Orange
 Pair 23: ● Blue ● Yellow
 Pair 24: ● Blue ● Brown
 Pair 25: ● Blue ● Orange
 Pair 26: ● Brown ● Yellow
 Pair 27: ● Brown ● Orange

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



SCIENCE
BASED
TARGETS

**BUSINESS
AMBITION FOR 1.5°C**



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, the RoHS Directive 2015/853/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab®.





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 $\mu\text{H/m}$	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km
	Conductor to Conductor pF/m	Conductor to Shield pF/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.