

**ELAND<sup>®</sup>**  
CABLES

# Belden 9365 Triad - 300V Power-Limited Tray Cable



Eland Product Group: **A4B**

## APPLICATION

A single triad cable used for process control and instrumentation applications.

## CHARACTERISTICS

### Voltage Rating

300V

### Temperature Rating

-30°C to +105°C

### Minimum Bending Radius

10 x overall diameter

## CONSTRUCTION

### Conductor

Class 2 stranded tinned copper conductor

### Insulation

PVC (Polyvinyl Chloride)

### Screen

Beldfoil® (Aluminium foil polyester tape)

### Drain Wire

Tinned copper

### Sheath

PVC (Polyvinyl Chloride)

### Core Identification

● Black ○ White ● Red

### Sheath Colour

● Grey

## THE CABLE LAB<sup>®</sup>

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](http://www.elandcables.com/company/about-us/esg-sustainability)



## REGULATORY COMPLIANCE

This cable meets the requirements of the Low Voltage Directive 2014/35/EU, the RoHS Directive 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab<sup>®</sup>.



## DIMENSIONS

| ELAND PART NO. | BELDEN REFERENCE | NO. OF TRIADS | AWG (NO. OF STRANDS) | NOMINAL DIAMETER OF STRANDS<br>mm | NOMINAL OVERALL DIAMETER<br>mm | NOMINAL WEIGHT<br>kg/km |
|----------------|------------------|---------------|----------------------|-----------------------------------|--------------------------------|-------------------------|
| A4B9365        | 9365             | 1             | AWG18(19)            | 0.0509                            | 6.22                           | 58.04                   |

## ELECTRICAL CHARACTERISTICS

| AWG (NO. OF STRANDS) | CAPACITANCE                                    |   | INDUCTANCE<br>$\mu\text{H}/\text{m}$ | IMPEDANCE<br>ohms | MAXIMUM RESISTANCE<br>OF CONDUCTOR AT 20°C<br>ohms/km |
|----------------------|--|---|--------------------------------------|-------------------|---|
|                      | Conductor to Conductor<br>$\text{pF}/\text{m}$ | Conductor to Shield<br>$\text{pF}/\text{m}$ |                                      |                   |   |
| AWG18(7)             | 177.174  | 331.381                                     | 0.557                                | 45                | 19.227  |