

# 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<sup>®</sup> (Aluminium foil polyester tape)

**Drain Wire**  
Tinned copper

**Sheath**  
PVC (Polyvinyl Chloride)

**Core Identification**  
● Black ○ White ● Red

**Sheath Colour**  
● Grey

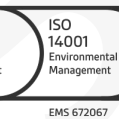
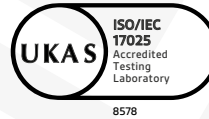
## STANDARDS

Belden 0365, IEEE 1202

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

## ISO/IEC 17025 LABORATORY TESTED

This product is subject to the Quality Assurance protocols of The Cable Lab<sup>®</sup>, an ISO/IEC 17025 accredited cable testing laboratory. Testing includes vertical flame, conductor resistance, tensile & elongation, and dimensional consistency, verified to published standards and approved product drawings.



## 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<sup>®</sup> as meeting the requirements of the BSI RoHS Trusted Kitemark<sup>™</sup>.





## DIMENSIONS

ELAND PART NO.	BELDEN REFERENCE	NO. OF TRIADS	AWG (NO. OF STRANDS)	NOMINAL DIAMETER OF STRANDS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A4B9365	9365	1	AWG18(19)	0.30	6.22	58.04

## ELECTRICAL CHARACTERISTICS

AWG (NO. OF STRANDS)	CAPACITANCE pF/m		INDUCTANCE $\mu$ H/m	INDUCTANCE ohms	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km
	Conductor to Conductor	Conductor to Shield			
AWG18(19)	177.174	331.381	0.557	45	19.227

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.