

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



Eland Product Group: **A4B**

## APPLICATION

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

## 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)

## CABLE STANDARDS

UL 1685-FT4, IEEE 1 202



The electrical and dimensional properties of this product are measured by the Technical and Quality Assurance department at the Eland Cables laboratory. Cable performance in respect of conductor resistance, construction quality (workmanship), dimensional consistency, and other parameters are verified to published standards and approved product drawings. Conformance to RoHS (Restriction of the use of Hazardous Substances) is determined and confirmed.

## CHARACTERISTICS

### Voltage Rating

300V

### Temperature Rating

-30°C to +105°C

### Minimum Bending Radius

10 x overall diameter

### Colour Coding

● Black ○ White ● Red

### Sheath Colour

● Grey

## 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)	0.0509	6.22	58.04

## ELECTRICAL CHARACTERISTICS

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