

# Belden 9363 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 1202



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<br>mm | NOMINAL OVERALL DIAMETER<br>mm | NOMINAL WEIGHT<br>kg/km |
|----------------|------------------|---------------|----------------------|-----------------------------------|--------------------------------|-------------------------|
| A4B9363        | 9363             | 1             | AWG22(7)             | 0.0509                            | 5.28                           | 38.69                   |

## ELECTRICAL CHARACTERISTICS

| AWG (NO. OF STRANDS) | CAPACITANCE                                      |   | INDUCTANCE<br>$\mu\text{H}/\text{m}$ | MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C<br>ohms/km |
|----------------------|--|---|--------------------------------------|--|
|                      | Conductor to Conductor<br>$\mu\text{F}/\text{m}$ | Conductor to Shield<br>$\mu\text{F}/\text{m}$ |                                      |  |
| AWG22(7)             | 85.306   | 147.645                                       | 0.689                                | 49.21  |