Eland Product Group: B8T

APPLICATION
For signal transmission within systems for measuring, control, data, and regulation technology and for use as an installation cable in fire hazard rooms with a high concentration of people material assets and for installation of fire survival cable systems according to DIN 4102 part 12. For fixed installation in dry and wet rooms.

CHARACTERISTICS
**Voltage Rating**
225V

**Maximum Operating Temperature**
Fixed: -5°C to +50°C

**Minimum Bending Radius**
Fixed: 7.5 x overall diameter

CONSTRUCTION
**Conductor**
Class 1 Solid Tinned Copper

**Insulation**
Flame Retardant Non-Corrosive compound

**Filler**
LSZH (Low Smoke Zero Halogen)

**Screen**
Plastic Coated Aluminium Foil

**Sheath**
Flame Retardant Non-Corrosive compound

**Core Identification**
- Pink
- Orange
- Violet
- Pink
- Orange

**Sheath Colour**
- Orange

STANDARDS
VDE 0815, DIN 4102, DIN EN 61034/IEC 61034, DIN EN 50267/IEC 60754

Flame Retardant according to VDE 0482-266-2-4 /IEC 60332-3-24 (Cat. C)

ISO/IEC 17025 LABORATORY TESTED
This product is subject to the Quality Assurance protocols of The Cable Lab®, 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 meets the requirements of the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab® as meeting the requirements of the BSI RoHS Trusted Kitemark™.
## DIMENSIONS

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<tr>
<th>ELAND PART NO.</th>
<th>NO. OF CORES</th>
<th>NOMINAL CROSS SECTIONAL AREA mm²</th>
<th>NOMINAL OVERALL DIAMETER mm</th>
<th>NOMINAL WEIGHT kg/km</th>
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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.