

# Screening Conductor LSZH Cable



Eland Product Group: **A3BR**

## APPLICATION

To be used for the purpose of screening telecommunication cables from electrical interference. For installations where fire, smoke emissions and toxic fumes create a potential risk to life and equipment.

## CABLE STANDARDS

NR/PS/TEL/31102(BR1817)/BS 215



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.

## CONSTRUCTION

### Conductor

Single core stranded aluminium conductor according to BS 215

### Insulation

LSZH (Low Smoke Zero Halogen)

## CHARACTERISTICS

### Temperature Rating

Fixed: -30°C to +70°C

### Minimum Bending Radius

9 x overall diameter

### Insulation Colour

● Black

## DIMENSIONS

ELAND PART NO.	NETWORK RAIL PART NO. / PADS	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	NO. AND NOMINAL DIAMETER OF STRANDS mm	NOMINAL THICKNESS OF SHEATH mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km	MAXIMUM DC RESISTANCE AT 20°C ohms/km
A3BR150ZHLS	91/012189	1	150	19 x 3.25	1.6	19.45	629	0.1825
A3BR250ZHLS	91/012190	1	250	19 x 4.22	1.6	24.3	995	0.1083

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.