NR/PS/TEL/31102 LSZH Screening Conductor

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.

CHARACTERISTICS

Temperature Rating
Fixed: -30°C to +70°C

Minimum Bending Radius
9 x overall diameter

CONSTRUCTION

Conductor
Single core stranded aluminium conductor

Sheath
LSZH (Low Smoke Zero Halogen)

Insulation Colour
● Black

CABLE THIRD-PARTY ACCREDITATION

Network Rail (NR) certified and PADS listed as meeting the requirements for installation on their network

Network Rail Certificate of Acceptance

STANDARDS

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

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.

UKAS ISO/IEC 17025 Accredited Testing Laboratory 8578 | bsi. ISO 9001 Quality Management FS 672069 | ISO 14001 Environmental Management EMS 672067 | ISO 45001 Occupational Health and Safety Management OHS 672066

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™.

bsi. RoHS Trusted KITEMARK™ KM 634267 | RoHS

DIMENSIONS

ELAND PART NO.	NETWORK RAIL PART NO. / PADS	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm²	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