

NR/PS/ELP/27220 SCADA Pilot Cable



Eland Product Group: A8T

APPLICATION

Paired core compound filled supervisory cables for modem based supervisory systems operating in the VF range 300 to 3000Hz.

CHARACTERISTICS

Temperature Rating

-25°C to +85°C

Minimum Bending Radius

10 x overall diameter

CONSTRUCTION

Conductor

Class 1 solid copper conductor 0.9mm nominal diameter

Insulation

PE (Polyethylene)

Filling Compound

Petroleum jelly

Separator

PET (Polyester Tape)

Moisture Barrier

Al/PE (Aluminium/Polyethylene) laminate tape

Bedding

PE (Polyethylene)

Screen

Aluminium wire screen

Separator

Water blocking tape

Sheath

LSZH (Low Smoke Zero Halogen)
MDPE (Medium Density Polyethylene)

Sheath 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 No: PA05/04015

CABLE STANDARDS

BS7655, BS 6234

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.



8578



FS 672069



EMS 672067



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™.



KM 634267





DIMENSIONS

ELAND PART NO.	NETWORK RAIL PART NO. / PADS	NO. OF PAIRS 0.9mm	NOMINAL THICKNESS OF INSULATION mm	AVERAGE MUTUAL CAPACITANCE nF/km	MAXIMUM CAPACITANCE UNBALANCE BETWEEN PAIRS nF/500m	NOMINAL THICKNESS OF SHEATH mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A8T2009PILOT	006/122516	20	0.3	71	275	1.8	27.8	946
A8T1009PILOT	006/120030	10	0.3	71	275	1.8	27.8	807
A8T3009PILOT	006/120031	30	0.3	71	275	2	31.8	1225
A8T2009LSZH	006/120032	20	0.3	71	275	1.8	27.8	946
A8T3009LSZH	006/120034	30	0.3	71	275	1.8	31.8	1225

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.