NR/PS/ELP/27220 SCADA Pilot Cable

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.

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

<table>
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<tr>
<th>ELAND PART NO.</th>
<th>NETWORK RAIL PART NO. / PADS</th>
<th>NO. OF PAIRS 0.9mm</th>
<th>NOMINAL THICKNESS OF INSULATION mm</th>
<th>AVERAGE MUTUAL CAPACITANCE nF/km</th>
<th>MAXIMUM CAPACITANCE UNBALANCE BETWEEN PAIRS nF/500m</th>
<th>NOMINAL THICKNESS OF SHEATH mm</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.