

NR/PS/ELP/27220 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.

CONSTRUCTION

Conductor

Class 1 solid copper conductor 0.9mm nominal diameter

Insulation

PE (Polyethylene) Type 03

Filling Compound

Petroleum jelly

Separator

PET (Polyester Tape)

Moisture Barrier

AL/PE (Aluminium/Polyethylene) laminate tape

Bedding

PE (Polyethylene) Type 03C

Screen

Aluminium wire screen

Separator

Water blocking tape

Sheath

LSZH (Low Smoke Zero Halogen) Type LTS1 to BS7655
MDPE (Medium Density Polyethylene) according to BS 6234

CABLE STANDARDS

NR/PS/ELP/27220

Network Rail Certificate of Acceptance

No: PA05/04015



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.

CHARACTERISTICS

Temperature Rating

-25°C to +85°C

Minimum Bending Radius

10 x overall diameter

Sheath Colour

● Black

DIMENSIONS

ELAND PART NO.	NETWORK RAIL PART NO. / PADS	NO. OF PAIRS AT 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