

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 3000 Hz.

Standards

NR/PS/ELP/27220 (formerly RT/E/PS/0034)

Technical Data

Network Rail Certificate of Acceptance Number

PA05/04015

Conductor

Class 1 solid plain copper conductor 0.9mm nominal diameter to BS6360, complies to BS3573

Insulation

PE (Polyethylene) Type 03 to BS6234

Filling Compound

Petroleum Jelly

Separator

PETP (Polyethylene Terephthalate) tape

Moisture Barrier

Al/PE (Aluminium/Polyethylene) Laminate

Bedding

PE (Polyethylene) Type 03C to BS6234

Screen

Aluminium Wire Screen

Separator

Water blocking tape

Sheath

PE (Polyethylene) Type 03C to BS6234

Sheath Colour

Black

Temperature Rating

-25 to +85°C

Minimum Bending Radius

10 x overall diameter

Dimensions

Eland Part Number	Rail Catalogue Number	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
A8T2009PVC	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
A8T3009PVC	006/120031	30	0.3	71	275	2.0	31.8	1225
A8T2009LSZH	006/120032	20	0.3	71	275	1.8	27.8	946

The information contained within this datasheet is for guidance only. When selecting accessories such as cleats, glands, etc please note that actual cable dimensions may vary due to manufacturing tolerances.