

# Fibre Trackside Cable

Eland Product Group **A8T**



## Application

Fibre communications cable for use in high traffic and data rate requirements.

## Standards

NR/PS/TEL/00014 (formerly RT/E/PS/00014)

## Technical Data

### Fibre

Step-Index single-mode fibre

### Fibre Carrier

PE (Polyethylene)

### Strength Member

Single continuous non-metallic

### Binding Tape

Polymeric loose tubes filled with water blocking material

### Bedding

PE (Polyethylene) Type 03C to BS6234 or LSZH (Low Smoke Zero Halogen)

### Sheath

PE (Polyethylene) Type 03C to BS6234 or LSZH (Low Smoke Zero Halogen)

### Sheath Colour

Black

### Temperature Rating

20°C to +60°C

### Minimum Bending Radius

12 x overall diameter

## Dimensions

Rail Catalogue Number	No. of Fibres	Nominal Thickness of Cladding µm	Nominal Polymer Tube Diameter mm	Optical Attenuation 1290 - 1330nm dB/Km	Optical Attenuation 1525 - 1575nm dB/Km	Nominal Inner Sheath Thickness mm	Nominal Thickness of Sheath mm
-	8	125	2.5	≤0.37	≤0.27	1.6	2.0
006/132511	12	125	2.5	≤0.37	≤0.27	1.6	2.0
006/169053	24	125	2.5	≤0.37	≤0.27	1.6	2.0
006/169013	48	125	2.5	≤0.37	≤0.27	1.6	2.0
-	96	125	2.5	≤0.37	≤0.27	1.6	2.0

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.