

# NR/PS/TEL/00014 Fibre Trackage Cable



Eland Product Group: A8T

## APPLICATION

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

## CHARACTERISTICS

### Temperature Rating

Operating: -20°C to +60°C

Transport and storage: -40°C to +70°C

Installation: -30°C to +60°C

### Minimum Bending Radius

12 x overall diameter

## CONSTRUCTION

### Fibre

Step-index single-mode fibre

### Fibre Carrier

Loose tube PE (Polyethylene)

### Strength Member

Single continuous non-metallic

### Water Blocking Compound

Water blocking compound

### Separator

PET (Polyethylene Terephthalate)

### Sheath

PE (Polyethylene) Type 03C or

LSZ (Low Smoke Zero Halogen)

### Sheath Colour

● Black

## CABLE THIRD-PARTY ACCREDITATION



Network Rail (NR) certified and PADS listed as meeting the requirements for installation within their network

## CABLE STANDARDS

NR/PS/TEL/00014, BS 6234

## THE CABLE LAB®

AN ISO/IEC 17025 AND IECEE CBTL ACCREDITED FACILITY

Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.



## SUSTAINABILITY COMMITMENT

We are on a journey to Net Zero.

We've committed to near-term emissions reductions and a net-zero target with the Science Based Targets initiative and we're a signatory to the United Nations Global Compact Sustainable Development Goals.

Learn more about embodied carbon and our carbon emissions reduction actions, our comprehensive recycling services, and wider ESG activities for sustainable operations at: [www.elandcables.com/company/about-us/esg-sustainability](https://www.elandcables.com/company/about-us/esg-sustainability)



SCIENCE  
BASED  
TARGETS

**BUSINESS  
AMBITION FOR 1.5°C**



## REGULATORY COMPLIANCE

This cable meets the requirements of the RoHS Directive 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab®.









## DIMENSIONS









NETWORK RAIL PART NO. / PADS	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
006/169053	24	125	2.5	0.38	0.22	1.6	2
006/169013	48	125	2.5	0.38	0.22	1.6	2

### Fibre Colouring

4 fibres per tube with up to 24 fibres in steps of 4 fibres

FIBRE COLOUR	BLUE 	ORANGE 	GREEN 	BROWN 
FIBRE NO.	1	2	3	4
	5	6	7	8
	9	10	11	12
	13	14	15	16
	17	18	19	20
	21	22	23	24

8 fibres per tube, cables with 48 or 96 fibres

FIBRE COLOUR	BLUE 	ORANGE 	GREEN 	BROWN 	GREY 	YELLOW 	RED 	VIOLET 
FIBRE NO.	1	2	3	4	5	6	7	8
	9	10	11	12	13	14	15	16
	17	18	19	20	21	22	23	24
	25	26	27	28	29	30	31	32
	33	34	35	36	37	38	39	etc

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.