



NR/PS/TEL/00014 Fibre Trakside 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

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.



8578



FS 672069



EMS 672067



OHS 672066

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™.



KM 634267









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.