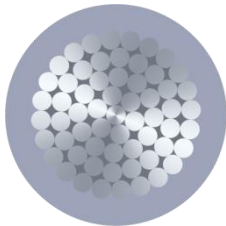


TRAKRAD™ Robust Single Core Cable

Electron Beam Crosslinked Insulation • 125°C Rated • Gen to EN 50264-3-1 • 1900/3300V



Cable Construction



Conductors

Premium Grade Smooth & Flexible Unilay Tinned Annealed Copper Strands (IEC 60228 Class 5)

Insulation

TRAKRAD™ Modified XL-LSZH
 (Electron Beam Irradiation Cross Linked Low Smoke Zero Halogen material developed to meet the requirements of EI 109 grade to EN 50264)

Colours & Identification

Insulation Colour

Grey Standard

Also available in a range of other colours to requirement including striped options and to RAL reference.

Properties & Standards

Design Standards

Generally to EN 50264-3-1

Electrical

Voltage Rating 1900/3300 V

Temperature

Operating Temperature Range -40 to +125 °C

Fire Performance

Flame Retardance (Single Cable) IEC 60332-1-2

Nominal Dimensions & Resistance

Conductor CSA (mm ²)	Stranding (#/mm)	Insulation Ø (mm)	Conductor Resistance (Max Ω/km)
0.5	16/0.2	2.59	40.1
0.75	24/0.2	2.82	26.7
1	32/0.2	2.92	20
1.16	97/0.2	3	16.5
1.5	30/0.25	3.32	13.7
1.8	37/0.25	3.5	10.56
2.5	50/0.25	3.76	8
2.6	37/0.3	3.9	7.34
4	56/0.3	4.29	4.85
4.7	37/0.4	4.8	4.13
6	84/0.3	5.67	3.23
7.7	61/0.4	6	2.5
10	80/0.4	7	1.85
16	126/0.4	8.1	1.18
25	196/0.4	10.3	0.757
35	276/0.4	11.7	0.538
50	396/0.4	13.7	0.375
70	360/0.5	16	0.264
95	475/0.5	18.5	0.2
120	608/0.5	20.4	0.156

LEIGH CABLES - TRAKRAD - 2.60 SWHM - SINGLE CORE - 1900/3300V