

# Traction cable Radox GWK RSE Type III

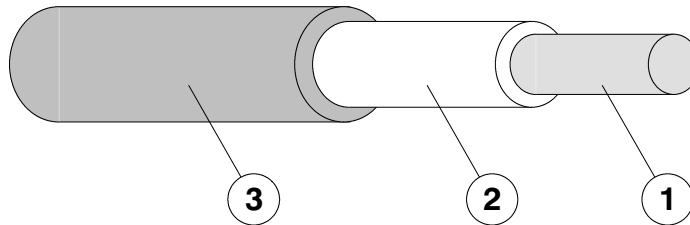
## Single core cables



### Applicable standards :

According to London Underground Ltd. Standard RSE/STD/024/PT 6 TYPE III

### General composition of cable :



1. Conductor : flexible tinned copper, acc. to IEC 228 cl.5 and BS 6360
2. Insulation : Radox GWK E : electron beam cross-linked copolymer
3. Sheath : Radox GWK S : electron beam cross-linked copolymer, colour : red

Cable marking : LUL RSE/STD/024/6 - Type III - N x A SQ.MM Huber + Suhrner Switzerland Year

### Technical Data :

Voltage rating ..... 600 AC / 1 000 DC V  
 Test voltage 50 Hz, 15 min. .... 4 500 V  
 Maximum continuous conductor temperature ..... + 85 °C

**Table :** Dimensions, conductor resistance at 20°C, weight, part number

Cross section nom. mm <sup>2</sup>	Wire nmb. (typ. value) x single wire dia n x mm dia.	Conductor diameter mm	Wall min mm	Cable dia. ( D ) mm	R <sub>20</sub> max. Ω / km	Weight nom. kg/100m	H + S Part No.
50	392 x 0.40	9.70 ± 0.30	2.8	16.4 ± 0.5	0.393	66.0	542 725
70	336 x 0.50	11.4 ± 0.35	2.8	18.3 ± 0.5	0.277	84.0	542 727
95	444 x 0.50	12.8 ± 0.40	3.0	19.5 ± 0.6	0.210	103	542 729
150	722 x 0.50	16.8 ± 0.50	3.0	21.9 ± 0.7	0.132	165	542 731
185	847 x 0.50	18.3 ± 0.55	3.0	26.5 ± 0.8	0.108	197	542 733
240	1147 x 0.50	21.1 ± 0.65	3.3	28.6 ± 0.8	0.0817	245	552 401

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