

RADOX GKW-LW (EN 50306-4 3P/5P/7P) 600V MM S

Product description:

RADOX GKW-LW (EN 50306-4 3P) 600V MM S

Multicore cables, screened and sheathed

RADOX GKW-LW (EN 50306-4 5P) 600V MM S

Multipair cables, individually screened and sheathed, with an overall sheath

RADOX GKW-LW (EN 50306-4 7P) 600V MM S

Multipair cables, general screened and sheathed

Nominal voltage:

600 / 1000 V AC

Hazard level:

M (extra low temperature, extra oil and extra fuel resistant)

General features:

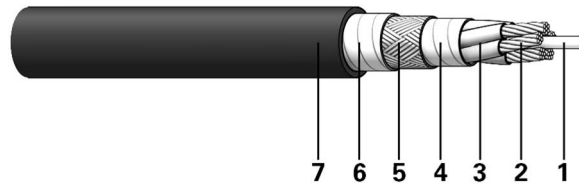
Halogen free, electron-beam crosslinked cables with improved behaviour in case of fire, easy to strip, soldering iron resistant and flexible.

Application:

The cables are intended for permanent installation in rail vehicles or for applications in which a limited alternating bending stress occur during service.

Guidelines for selection and installation are described in the standards EN 50355 and EN 50343.

General composition of cable:



RADOX GKW-LW (EN50306-4 3P) 600V MM S / Multicore cables, screened and sheathed

- | | |
|-------------------------|---|
| 1. Filler (optional) | RADOX 125 REC |
| 2. Conductor | Stranded tin plated copper, acc. to EN 50306-2 |
| 3. Insulation | RADOX TI 301, colour: white, unless otherwise specified |
| 4. Separator (optional) | Tape |
| 5. EMC-screen | Tin plated copper braid |
| 6. Separator | Tape |
| 7. Sheath | RADOX EM 104, colour: black, unless otherwise specified |

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The product fulfils the test and specification requirements described in this document for the stated areas of application and operating conditions. HUBER+SUHNER AG does not expressly or implicitly guarantee performance under additional or changed conditions. Deviations are to be agreed upon in writing.

HUBER+SUHNER AG
Low Frequency Division
CH-8330 Pfäffikon

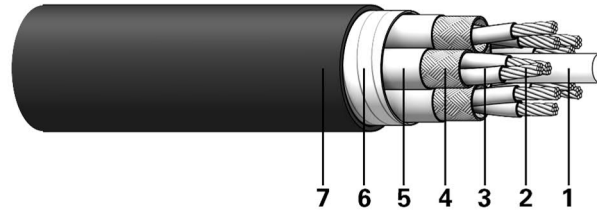


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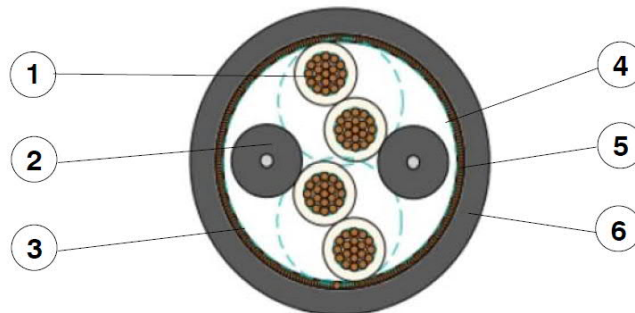
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RADOX GKW-LW (EN50306-4 5P) 600V MM S / Multipair cables, individually screened and sheathed, with an overall sheath

- | | |
|-------------------------|---|
| 1. Filler (optional) | RADOX 125 REC |
| 2. Conductor | Stranded tin plated copper, acc. to EN 50306-2 |
| 3. Insulation | RADOX TI 301, colour: white, unless otherwise specified |
| 4. EMC-screen | Tin plated copper braid |
| 5. Separator (optional) | Tape |
| 6. Sheath | RADOX S2, colour: black |
| 7. Separator | Tape |
| 8. Sheath | RADOX EM 104, colour: black |



RADOX GKW-LW (EN50306-4 7P) 600V MM S / Multipair cables, general screened and sheathed

- | | |
|-----------------------------------|---|
| 1. GKW-LW (EN 50306-2) 600 V core | Conductor: Stranded tin plated copper, acc. to EN 50306-2 |
| | Insulation: RADOX TI 301, colour: white, unless otherwise specified |
| 2. Filler (optional) | RADOX 125 REC |
| 3. Separator (optional) | Tape |
| 4. EMC-screen | Tin plated copper braid |
| 5. Separator | Tape |
| 6. Sheath | RADOX EM 104, colour: black |

Marking:

[a] HUBER+SUHNER RADOX GKW-LW (EN 50306-4 [b]) 600V [c] MM S [d]-[e] [f] [g] [h]

		example:
[a]	Meter marking (in m)	= 1234 = m
[b]	EN 50306-4 table number & cable class	3P
[c]	Construction	3G1.5
[d]	Part number	12345678
[e]	Batch number	1234567
[f]	Production week and year	03-2017
[g]	Production place (only if China)	CN
[h]	CRCC certificate (only if available)	CRCC10218P11529R1M

Technical Data:

Voltage rating cond.-earth	U_0	600	V AC
Voltage rating cond.-cond.	U	1000	V AC
maximum permissible Voltage rating AC cond.-earth		720	V AC
maximum permissible Voltage rating AC cond.-cond.	U_m	1200	V AC
maximum permissible Voltage rating DC cond.-earth	V_0	900	V DC
maximum permissible Voltage rating DC cond.-cond.		1500	V DC
Test voltage		3500	V AC
Temperature range		- 50 ... + 125	°C

Min. bending radius

fixed installation	cable diameter ≤ 12 mm	3 x D
	cable diameter > 12 mm	4 x D
sporadic movement	cable diameter ≤ 12 mm	4 x D
	cable diameter > 12 mm	5 x D

NB:

The upper temperature limit is determined by long term ageing according to EN 50305 Par. 7 and extrapolation to 20,000 hours.

The lower temperature limit is determined by bending and elongation tests according to EN 60811-504/505, respectively low temperature behaviour tests for according to GOST 20.57.406-81, method 204-1 and GOST 17491-80 (fixed installation).

The specified bending radii require a careful and proper handling using proven fastening technologies.

The cables are in conformity with:

Fire protection on railway vehicles, hazard level	HL1 - HL3	EN 45545-2
Vertical flame spread	$50 < L \leq 540$ mm	EN 60332-1-2
Vertical flame spread, bunched, $D \leq 6$ mm	$L \leq 1.5$ m	EN 50305, 9.1.2
Vertical flame spread, bunched, $6 < D < 12$ mm	$L \leq 2.5$ m	EN 50305, 9.1.1
Vertical flame spread, bunched, $D \geq 12$ mm	$L \leq 2.5$ m	EN 60332-3-24
Smoke density	$T \geq 70$ %	EN 61034-2
Toxicity	$ITC \leq 6$	EN 50305, 9.2
Fire protection on railway vehicles	Fulfilled	NFPA 130
Vertical flame spread, bunched	$L \leq 1.5$ m	UL 1685, 12 (FT4 exp.)
Smoke density	$TSR \leq 150$ m ²	
	$PSRR \leq 0.40$ m ² /s	UL 1685, 12 (FT4 exp.)

RADOX GKW-LW (EN 50306-4 3P/5P/7P) 600V MM S

Requirement of hazard level code M (according to EN 50264-1 or EN 50306-1)

Extra low temperature – 40 °C

Extra oil resistance IRM 902, 72h, 100 °C

Extra fuel resistance IRM 903, 168h, 70 °C

Applicable documents:

- 563078 Current rating for multicore cables

Table 1A: Customized Types RADOX GKW-LW (EN 50306-4 3P) 600V MM S

Cable ¹⁾ Type [n x mm ²]	Conductor ²⁾		Core ²⁾		Screen ³⁾		Cable		Fire	Combustible	Cable	H+S
	Ø nom. [mm]	R ₂₀ max. [Ω/km]	Ø nom. [mm]	Colours	Ø nom. [mm]	Cross-section nom. [mm ²]	Ø [mm]	Colour	Load nom. [kJ/m]	Material nom. [kg/100m]	Weight nom. [kg/100m]	Part No.
2X0.25	0.6	84.2	1.02	WH	2.5	0.5	3.45 ± 0.2	BK	165	1.1	2.1	12561276 ⁴⁾
2X0.25	0.6	84.2	1.02	WH	2.5	0.5	3.8 ± 0.3	BK	202	1.4	2.3	12582801
8X0.25	0.6	84.2	1.02	WH	4.4	1.1	5.7 ± 0.3	BK	475	2.9	5.6	85009532
25X0.25	0.6	84.2	1.02	WH	7.3	2.8	8.9 ± 0.3	BK	1280	6.1	14.2	12567868
4X0.4	0.8	54.7	1.18	WH	3.3	0.8	4.6 ± 0.3	BK	285	1.8	3.9	12564307
15X0.4	0.8	54.7	1.18	WH	6.3	2.0	7.8 ± 0.3	BK	825	4.5	11.7	12561115
2X0.5	0.9	40.1	1.30	WH	3.1	0.7	4.3 ± 0.3	BK	255	1.7	3.3	12555592
2V0.5	0.9	40.1	1.30	BK-RD	3.1	0.7	4.35 ± 0.3	BK	260	1.8	3.3	12568579
3X0.5	0.9	40.1	1.30	WH	3.3	0.8	4.5 ± 0.3	BK	275	1.7	3.8	12555593
3V0.5	0.9	40.1	1.30	BK-RD-GN	3.3	0.8	4.5 ± 0.3	BK	275	1.7	3.8	12558070
4X0.5	0.9	40.1	1.30	WH	3.6	0.9	4.8 ± 0.3	BK	305	1.8	4.4	12555594
4V0.5	0.9	40.1	1.30	BK-RD-GN-BN	3.6	0.9	4.9 ± 0.3	BK	320	2.0	4.6	12584368
5X0.5	0.9	40.1	1.30	WH	4.1	1.0	5.4 ± 0.3	BK	405	2.4	5.6	12555595
6X0.5	0.9	40.1	1.30	WH	4.6	1.4	5.9 ± 0.3	BK	470	2.9	6.9	12555596
6V0.5	0.9	40.1	1.30	BK-RD-GN-BN-BU-WH	4.6	1.4	5.9 ± 0.3	BK	470	2.8	6.8	12558071
6V0.5	0.9	40.1	1.30	RD-BU-YE-OG-WH-GN	4.6	1.4	5.9 ± 0.3	BK	470	2.8	6.8	85200763
7X0.5	0.9	40.1	1.30	WH	5.0	1.6	6.45 ± 0.3	BK	570	3.4	8.1	12555603
8X0.5	0.9	40.1	1.30	WH	5.4	1.7	6.95 ± 0.3	BK	670	4.0	9.2	12561467
9X0.5	0.9	40.1	1.30	WH	5.8	1.8	7.2 ± 0.3	BK	630	3.7	9.5	12558109
10X0.5	0.9	40.1	1.30	WH	5.8	1.8	7.2 ± 0.3	BK	650	3.7	10.0	12555597
12X0.5	0.9	40.1	1.30	WH	6.0	1.9	7.6 ± 0.3	BK	755	4.3	11.5	12555598
15X0.5	0.9	40.1	1.30	WH	6.9	2.7	8.5 ± 0.3	BK	935	5.1	14.4	12558110
16X0.5	0.9	40.1	1.30	WH	6.9	2.7	8.5 ± 0.3	BK	950	5.1	14.9	12555600
18X0.5	0.9	40.1	1.30	WH	7.3	2.8	8.9 ± 0.3	BK	1030	5.5	16.4	12555601
20X0.5	0.9	40.1	1.30	WH	7.7	3.0	9.3 ± 0.3	BK	1140	6.1	18.0	12562202
25X0.5	0.9	40.1	1.30	WH	8.4	2.7	10.3 ± 0.4	BK	1345	7.2	21.1	12555602
30X0.5	0.9	40.1	1.30	WH	9.1	3.8	11.2 ± 0.4	BK	1640	8.6	25.8	12559008
36X0.5	0.9	40.1	1.30	WH	9.9	4.0	12.1 ± 0.4	BK	1940	10.1	30.2	12559009

RADOX GKW-LW (EN 50306-4 3P/5P/7P) 600V MM S

Cable ¹⁾ Type [n x mm ²]	Conductor ²⁾		Core ²⁾		Screen ³⁾		Cable		Fire	Combustible	Cable	H+S
	Ø nom. [mm]	R ₂₀ max. [Ω/km]	Ø nom. [mm]	Colours	Ø nom. [mm]	Cross-section nom. [mm ²]	Ø [mm]	Colour	Load nom. [kJ/m]	Material nom. [kg/100m]	Weight nom. [kg/100m]	Part No.
42X0.5	0.9	40.1	1.30	WH	10.8	4.5	12.9 ± 0.4	BK	2220	11.2	34.5	12559010
48X0.5	0.9	40.1	1.30	WH	11.5	5.9	13.7 ± 0.4	BK	2380	11.8	39.2	12561833
1X0.6	1.0	33.4	1.39	WH	1.9	0.4	3.0 ± 0.2	BK	120	0.8	1.8	12555681
2X0.6	1.0	33.4	1.39	WH	3.2	0.7	4.5 ± 0.3	BK	275	1.9	3.7	12555682
3X0.6	1.0	33.4	1.39	WH	3.5	0.8	4.7 ± 0.3	BK	290	2.1	4.3	12555683
4X0.6	1.0	33.4	1.39	WH	3.8	0.9	5.1 ± 0.3	BK	340	2.1	5.2	12555684
5X0.6	1.0	33.4	1.39	WH	4.3	1.1	5.7 ± 0.2	BK	430	2.7	6.5	12555685
2X0.75	1.1	26.7	1.52	WH	3.5	0.8	4.8 ± 0.3	BK	310	2.1	4.3	12556629
3X0.75	1.1	26.7	1.52	WH	3.7	0.9	5.0 ± 0.3	BK	325	2.1	5.0	12556636
4X0.75	1.1	26.7	1.52	WH	4.1	1.1	5.5 ± 0.3	BK	390	2.4	6.2	12556630
5X0.75	1.1	26.7	1.52	WH	4.8	1.2	6.1 ± 0.3	BK	485	2.9	7.6	12556637
6X0.75	1.1	26.7	1.52	WH	5.1	1.3	6.6 ± 0.3	BK	580	3.5	8.9	12556638
7X0.75	1.1	26.7	1.52	WH	5.9	1.8	7.2 ± 0.3	BK	680	4.1	10.7	12556639
8X0.75	1.1	26.7	1.52	WH	6.1	1.9	7.8 ± 0.3	BK	965	5.0	12.4	12556631
10X0.75	1.1	26.7	1.52	WH	6.6	2.1	8.3 ± 0.3	BK	830	4.9	13.8	12556640
12X0.75	1.1	26.7	1.52	WH	6.9	2.2	8.4 ± 0.3	BK	865	4.8	15.2	12556632
16X0.75	1.1	26.7	1.52	WH	7.9	2.5	9.7 ± 0.3	BK	1180	6.6	20.1	12556419
25X0.75	1.1	26.7	1.52	WH	10.1	4.0	12.3 ± 0.4	BK	1800	10.0	31.2	12556480
2X1	1.2	20.0	1.67	WH	3.8	0.9	5.0 ± 0.3	BK	330	2.2	4.8	12555875
3X1	1.2	20.0	1.67	WH	4.1	1.0	5.5 ± 0.3	BK	395	2.5	6.1	12555688
4X1	1.2	20.0	1.67	WH	4.5	1.1	5.8 ± 0.3	BK	425	2.6	7.2	12555877
5X1	1.2	20.0	1.67	WH	5.1	1.2	6.7 ± 0.3	BK	590	3.7	9.3	12555878
6X1	1.2	20.0	1.67	WH	5.7	1.8	7.3 ± 0.3	BK	690	4.2	11.3	12555879
7X1	1.2	20.0	1.67	WH	6.4	2.0	7.9 ± 0.3	BK	955	5.0	13.1	12555880
8X1	1.2	20.0	1.67	WH	7.1	2.2	8.5 ± 0.3	BK	955	5.7	14.9	12556373
10X1	1.2	20.0	1.67	WH	7.2	2.4	8.9 ± 0.3	BK	930	5.5	16.6	12555881
12X1	1.2	20.0	1.67	WH	7.5	2.4	9.2 ± 0.3	BK	1025	5.8	18.7	12555882
16X1	1.2	20.0	1.67	WH	8.5	2.8	10.5 ± 0.4	BK	1370	7.7	24.7	12555883
18X1	1.2	20.0	1.67	WH	9.0	3.0	11.2 ± 0.4	BK	1580	8.9	27.8	12555884
25X1	1.2	20.0	1.67	WH	10.7	4.2	12.9 ± 0.4	BK	1940	10.4	36.8	12555885
30X1	1.2	20.0	1.67	WH	11.6	6.3	14.0 ± 0.4	BK	2300	12.3	45.1	12559013
36X1	1.2	20.0	1.67	WH	12.8	6.7	15.2 ± 0.5	BK	2750	14.5	53.1	12559014
42X1	1.2	20.0	1.67	WH	13.7	7.1	16.5 ± 0.5	BK	3320	17.7	62.0	12559015
50X1	1.2	20.0	1.67	WH	15.0	8.3	17.8 ± 0.5	BK	3685	19.2	71.8	12559016
1X1.2	1.4	16.3	1.83	WH	2.3	0.5	3.5 ± 0.2	BK	150	1.0	2.6	12555687
2X1.2	1.4	16.3	1.83	WH	4.1	0.9	5.6 ± 0.3	BK	415	2.9	5.9	12555587
2X1.5	1.5	13.7	2.04	WH	4.5	1.0	5.8 ± 0.3	BK	445	3.0	6.6	12555888
2X1.5	1.5	13.7	2.04	WH	4.5	1.0	5.95 ± 0.3	YE	470	3.2	6.8	12581889
3X1.5	1.5	13.7	2.04	WH	4.9	1.2	6.2 ± 0.3	BK	495	3.1	8.2	12555889

RADOX GKW-LW (EN 50306-4 3P/5P/7P) 600V MM S

Cable ¹⁾ Type [n x mm ²]	Conductor ²⁾		Core ²⁾		Screen ³⁾		Cable		Fire	Combustible	Cable	H+S
	Ø nom. [mm]	R ₂₀ max. [Ω/km]	Ø nom. [mm]	Colours	Ø nom. [mm]	Cross-section nom. [mm ²]	Ø [mm]	Colour	Load nom. [kJ/m]	Material nom. [kg/100m]	Weight nom. [kg/100m]	Part No.
3G1.5	1.5	13.7	2.04	GNYE-WH	4.9	1.2	6.2 ± 0.3	BK	495	3.1	8.2	12559047
4X1.5	1.5	13.7	2.04	WH	5.4	1.3	6.7 ± 0.3	BK	560	3.3	9.9	12555890
5X1.5	1.5	13.7	2.04	WH	6.2	2.0	7.8 ± 0.3	BK	775	4.7	13.4	12555891
5G1.5	1.5	13.7	2.04	GNYE-WH	6.2	2.0	7.8 ± 0.3	BK	775	4.7	13.4	12583997
6X1.5	1.5	13.7	2.04	WH	6.9	2.2	8.3 ± 0.3	BK	885	5.2	15.4	12555892
7X1.5	1.5	13.7	2.04	WH	7.4	2.4	9.2 ± 0.3	BK	1120	6.6	18.3	12555893
8X1.5	1.5	13.7	2.04	WH	8.2	2.7	10.3 ± 0.4	BK	1435	8.7	22.1	12567260
9X1.5	1.5	13.7	2.04	WH	8.6	2.8	10.5 ± 0.4	BK	1500	8.9	23.8	12558115
10X1.5	1.5	13.7	2.04	WH	8.7	2.8	10.5 ± 0.4	BK	1280	7.3	23.6	12555894
12X1.5	1.5	13.7	2.04	WH	9.0	3.0	11.0 ± 0.4	BK	1460	8.2	27.3	12555895
14G1.5	1.5	13.7	2.04	GNYE-WH	9.7	3.8	12.2 ± 0.4	BK	1810	10.4	33.0	12568429
16X1.5	1.5	13.7	2.04	WH	10.5	4.2	12.6 ± 0.4	BK	1915	10.5	36.2	12555896
18X1.5	1.5	13.7	2.04	WH	11.1	4.5	13.2 ± 0.4	BK	2115	11.4	40.1	12555897
25X1.5	1.5	13.7	2.04	WH	13.2	7.1	15.6 ± 0.5	BK	2760	14.7	55.4	12555898
2X2.5	1.9	8.21	2.54	WH	5.5	1.3	7.0 ± 0.3	BK	645	4.3	9.8	12557233
3X2.5	1.9	8.21	2.54	WH	6.0	1.8	7.6 ± 0.3	BK	725	4.5	12.6	12554750
4X2.5	1.9	8.21	2.54	WH	7.0	2.7	8.6 ± 0.3	BK	900	5.5	16.5	12557234
5X2.5	1.9	8.21	2.54	WH	7.6	2.4	9.4 ± 0.3	BK	1120	6.7	19.6	12557235
6X2.5	1.9	8.21	2.54	WH	8.6	3.3	10.4 ± 0.3	BK	1365	8.1	24.0	12557236
7X2.5	1.9	8.21	2.54	WH	9.3	3.8	11.4 ± 0.4	BK	1680	9.9	28.4	12557237
8X2.5	1.9	8.21	2.54	WH	10.5	5.6	12.6 ± 0.4	BK	2030	12.0	34.3	12568536
12X2.5	1.9	8.21	2.54	WH	11.3	4.5	13.7 ± 0.4	BK	2205	12.5	42.3	12557239
20X20AWG	1.0	33.4	1.39	WH	13.0	7.1	16.1 ± 0.4	BK	3900	20.4	50.2	12560390

¹⁾ X: one colour, numbered

G: one green-yellow core, others one colour, numbered

V: various colours

²⁾ Core details according to technical datasheet 554550

³⁾ Metallic screen coverage according EN 50264-1

⁴⁾ With reduced wall thickness

RADOX GKW-LW (EN 50306-4 3P/5P/7P) 600V MM S

Table 2A: Customized Types RADOX GKW-LW (EN 50306-4 5P) 600V MM S

Cable ¹⁾ Type [n x mm ²]	Conductor ²⁾		Core ²⁾		Screen ³⁾		Cable		Fire	Combustible	Cable	H+S
	Ø	R ₂₀	Ø	Colours	Ø	nom.	Ø	Colour	Load	Material	Weight	Part No.
	nom. [mm]	max. [Ω/km]	nom. [mm]		nom. [mm]	nom. [mm ²]	nom. [mm]		nom. [kJ/m]	nom. [kg/100m]	nom. [kg/100m]	
3x(2x0.5)	0.9	40.1	1.30	WH	9.6	3.8	11.8 ± 0.4	BK	1750	12.9	21.5	84120836
3x(3x0.75)	1.1	26.7	1.52	WH	-	-	13.4 ± 0.4	BK	2060	12.5	29.9	12557512
3x(2x1)	1.2	20.0	1.67	WH	8.6	2.7	10.7 ± 0.4	BK	1320	7.9	18.3	12565116

¹⁾ X: one colour, numbered

G: one green-yellow core, others one colour, numbered

V: various colours

²⁾ Core details according to technical datasheet 554550³⁾ Metallic screen coverage according EN 50264-1

Table 3A: Customized Types RADOX GKW-LW (EN 50306-4 7P) 600V MM S

Cable ¹⁾ Type [n x mm ²]	Conductor ²⁾		Core ²⁾		Screen ³⁾		Cable		Fire	Combustible	Cable	H+S
	Ø	R ₂₀	Ø	Colours	Ø	nom.	Ø	Colour	Load	Material	Weight	Part No.
	nom. [mm]	max. [Ω/km]	nom. [mm]		nom. [mm]	nom. [mm ²]	nom. [mm]		nom. [kJ/m]	nom. [kg/100m]	nom. [kg/100m]	
2 x 2 x 0.25	0.6	84.2	1.02	WH	4.2	1.1	5.7 ± 0.3	BK	420	2.9	4.8	12566633
3 x 2 x 0.25	0.6	84.2	1.02	WH	4.5	1.1	6.1 ± 0.3	BK	480	3.2	5.5	12566634
4 x 2 x 0.25	0.6	84.2	1.02	WH	5.3	1.3	7.0 ± 0.3	BK	580	3.6	7.1	12581506
7 x 2 x 0.25	0.6	84.2	1.02	WH	6.2	2.0	7.8 ± 0.3	BK	740	4.5	9.4	12566694
2 x 2 x 0.5	0.9	40.1	1.3	WH	4.9	1.2	6.4 ± 0.3	BK	510	3.4	6.4	12555604
2 x 3 x 0.5	0.9	40.1	1.3	WH	5.8	1.8	7.9 ± 0.3	BK	810	5.5	10.0	12581433
3 x 2 x 0.5	0.9	40.1	1.3	WH	5.4	1.6	6.9 ± 0.3	BK	550	3.5	7.7	12561834
4 x 2 x 0.5	0.9	40.1	1.3	WH	6.4	2.0	8.0 ± 0.3	BK	795	5.0	10.6	12555605
5 x 2 x 0.5	0.9	40.1	1.3	WH	7.6	2.4	9.3 ± 0.3	BK	1060	6.9	13.7	12566533
6 x 2 x 0.5	0.9	40.1	1.3	WH	7.5	2.4	9.2 ± 0.3	BK	1140	6.0	13.7	12557170
8 x 2 x 0.5	0.9	40.1	1.3	WH	8.0	2.5	9.9 ± 0.3	BK	1125	6.7	16.4	12555930
10 x 2 x 0.5	0.9	40.1	1.3	WH	8.9	2.8	10.9 ± 0.4	BK	1280	7.2	19.1	12555606
15 x 2 x 0.5	0.9	40.1	1.3	WH	10.8	4.5	13.0 ± 0.4	BK	1835	10.1	28.1	12555607
20 x 2 x 0.5	0.9	40.1	1.3	WH	13.4	7.1	16.8 ± 0.5	BK	3170	19.1	44.2	12561619
2 x 2 x 0.75	1.1	26.7	1.52	WH	6.2	1.9	7.8 ± 0.3	BK	740	5.1	9.7	12558422
3 x 2 x 0.75	1.1	26.7	1.52	WH	6.6	2.1	8.3 ± 0.3	BK	800	5.3	11.4	12558423
3 x 3 x 0.75	1.1	26.7	1.52	WH	7.3	2.2	9.0 ± 0.3	BK	965	6.0	14.4	12562003
4 x 2 x 0.75	1.1	26.7	1.52	WH	7.7	2.4	9.4 ± 0.3	BK	1040	6.9	14.7	12568688
5 x 2 x 0.75	1.1	26.7	1.52	WH	8.6	2.6	10.7 ± 0.4	BK	1380	9.2	18.7	12562002
5 x 4 x 0.75	1.1	26.7	1.52	WH	11.1	4.2	13.5 ± 0.4	BK	2230	14.1	32.2	12564825
6 x 2 x 0.75	1.1	26.7	1.52	WH	9.7	3.8	11.9 ± 0.4	BK	1712	11.3	23.3	12564824
8 x 2 x 0.75	1.1	26.7	1.52	WH	10.8	4.5	13.2 ± 0.4	BK	2145	13.7	29.2	12568613
2 x 2 x 1	1.2	20.0	1.67	WH	6.9	2.1	8.5 ± 0.3	BK	875	6.1	11.6	12558112
3 x 2 x 1	1.2	20.0	1.67	WH	7.2	2.2	8.9 ± 0.3	BK	905	5.9	13.4	85016744

RADOX GKW-LW (EN 50306-4 3P/5P/7P) 600V MM S

Cable ¹⁾ Type [nxmm ²]	Conductor ²⁾		Core ²⁾		Screen ³⁾		Cable		Fire	Combustible	Cable	H+S
	Ø	R ₂₀	Ø	Colours	Ø		Ø	Colour	Load	Material	Weight	Part No.
	nom. [mm]	max. [Ω/km]	nom. [mm]		nom. [mm]	nom. [mm ²]	[mm]		nom. [kJ/m]	nom. [kg/100m]	nom. [kg/100m]	
3 x 4 x 1	1.2	20.0	1.67	WH	9.0	2.8	11.3 ± 0.4	BK	1520	9.5	23.0	12555887
4 x 2 x 1	1.2	20.0	1.67	WH	8.6	2.7	10.6 ± 0.4	BK	1300	8.7	18.5	12555886
4 x 4 x 1	1.2	20.0	1.67	WH	10.3	4.0	12.5 ± 0.4	BK	1835	11.4	29.6	12558113
6 x 2 x 1	1.2	20.0	1.67	WH	10.7	4.2	13.0 ± 0.3	BK	1975	13.1	27.9	12564826
12 x 2 x 1	1.2	20.0	1.67	WH	12.8	6.7	15.2 ± 0.5	BK	2205	12.7	40.7	12564827
2 x 2 x 1.5	1.5	13.7	2.04	WH	8.1	2.5	10.0 ± 0.3	BK	1240	8.6	16.4	12558114
3 x 2 x 1.5	1.5	13.7	2.04	WH	8.6	2.7	10.6 ± 0.4	BK	1285	8.3	19.1	12561927

¹⁾ X: one colour, numbered

G: one green-yellow core, others one colour, numbered

V: various colours

²⁾ Core details according to technical datasheet 554550

³⁾ Metallic screen coverage according EN 50264-1