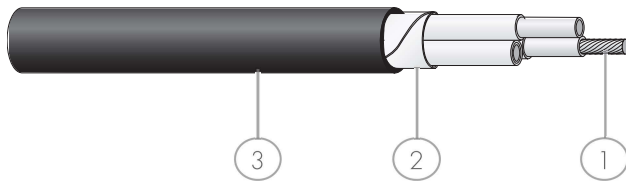


RADOX® EN 50264-3-2 600V MM

multi core

Conductor	EN 60228, class 5	Voltage rating	600/1000 V AC
Number of conductors	2 - 4		900 V DC
Cross section	1.5 - 50 mm ²	Temperature range	-50 to +120 °C



Composition of cable

1. Cores EN 50264-3-1 600V	conductor dual wall insulation colour	stranded, tin plated copper RADOX EI 110/RADOX EI 109 black, numbered
2. Separator	tape	
3. Sheath	RADOX EM 104	colour: black

Characteristics and specialities

- Dual wall insulation of high tech polymers with excellent electrical properties
- Halogen free and flame retardant
- Extra oil and fuel resistant
- Excellent resistance to high and low temperature
- Resistance to ozone and weathering
- Flexible
- Easy to strip

Application

- The cables are intended for permanent routing in rolling stock, or for locations subject to limited reciprocal bending stresses during operation.
- Specifications relating to the selection and installation of cables are described in standards EN 50355 and EN 50343.

Standards

Standard	Fire protection on railway vehicles	
DIN 5510-2	hazard level	1, 2, 3, 4
EN 45545-2		
GOST 31565		
NF F 16-101	class, category	C/F0, int. A1, A2, B/ext. A1, A2, B
UNI CEI 11170-3		

For further technical details please refer to our data sheet.



RADOX® EN 50264-3-2 600V MM

multi core

Core cross section mm ²	Conductor		Core D mm	Cable D mm	Conductor resistance R ₂₀ max. Ω/km	Capacity* CH20 pF/m	Fire load nom. kJ/m	Weight		Colours	Item no.
	Construct. n × mm	D _{nom.} mm						Copper kg/100 m	Cable kg/100 m		
2 × 1.5	37 × 0.23	1.52	3.00	7.6 ± 0.3	13.5	95	810	2.8	8.7	BK	12586174
3 × 1.5 3 G 1.5	37 × 0.23	1.52	3.00	8.1 ± 0.3	13.5	95	880	4.2	11	BK GNYE	12585380 12586176
4 × 1.5 4 G 1.5	37 × 0.23	1.52	3.00	9.0 ± 0.3	13.5	95	1070	5.7	14	BK GNYE	12586177 12586178
2 × 2.5	61 × 0.23	1.94	3.35	8.3 ± 0.3	8.2	105	930	4.4	11	BK	12586179
3 × 2.5	61 × 0.23	1.94	3.35	8.9 ± 0.3	8.2	105	1010	6.7	15.4	BK	12586180
4 × 2.5 4 G 2.5	61 × 0.23	1.94	3.35	10.1 ± 0.3	8.2	105	1290	8.9	18	BK GNYE	12586181 12586182
2 × 4	61 × 0.29	2.40	3.95	9.7 ± 0.3	5.1	110	1200	7	18	BK	12586183
3 × 4	61 × 0.29	2.40	3.95	10.5 ± 0.4	5.1	110	1410	10	22	BK GNYE	12586184 12586185
4 × 4	61 × 0.29	2.40	3.95	12.0 ± 0.4	5.1	110	1750	14	29	BK GNYE	12586186 12586187
2 × 6	84 × 0.30	2.93	4.50	11.0 ± 0.4	3.4	115	1600	10	24	BK	12586188
3 × 6	84 × 0.30	2.93	4.50	11.8 ± 0.4	3.4	115	1700	16	30	BK	12586189
4 × 6 4 G 6	84 × 0.30	2.93	4.50	13.5 ± 0.4	3.4	115	2150	21	37	BK GNYE	12586190 12586191
2 × 10	80 × 0.40	3.89	5.60	13.4 ± 0.4	2	125	2300	18	36	BK	12586192
3 × 10	80 × 0.40	3.89	5.60	14.4 ± 0.4	2	125	2260	27	46	BK GNYE	12586193 12586194
4 × 10 4 G 10	80 × 0.40	3.89	5.60	16.6 ± 0.5	2	125	3150	36	61	BK GNYE	12586195 12586196
2 × 16	119 × 0.40	5.30	7.05	16.7 ± 0.5	1.25	130	3500	27	52	BK	12586197
3 × 16	119 × 0.40	5.30	7.05	17.9 ± 0.5	1.25	130	3640	40	66	BK	12586198
4 × 16 4 G 16	119 × 0.40	5.30	7.05	20.1 ± 0.5	1.25	130	4370	54	85	BK GNYE	12586199 12586200
2 × 25	182 × 0.40	6.60	8.60	20.0 ± 0.5	0.8	135	4700	41	75	BK	12586201
3 × 25	182 × 0.40	6.60	8.60	21.6 ± 0.5	0.8	135	5280	62	99	BK	12586202
4 × 25	182 × 0.40	6.60	8.60	24.4 ± 0.5	0.8	140	6480	83	128	BK	12586203
2 × 35	266 × 0.40	7.80	10.1	23.4 ± 0.5	0.6	140	6620	60	107	BK	12586204
3 × 35	266 × 0.40	7.80	10.1	25.1 ± 0.5	0.6	140	6870	90	140	BK	12586205
3 × 35 + 1 × 25	266 × 0.40 182 × 0.40	7.80 6.60	10.1 8.60	27.7 ± 0.6	0.6 + 0.8	140	8120	110	170	BK GNYE	12586206
2 × 50	378 × 0.40	9.30	11.6	26.7 ± 0.6	0.4	145	8170	86	146	BK	12586207
3 × 50	378 × 0.40	9.30	11.6	28.8 ± 0.6	0.4	145	8420	129	190	BK	12585 381
3 × 50 + 1 × 25	378 × 0.40 182 × 0.40	9.30 6.60	11.6 8.60	32.3 ± 0.6	0.4 + 0.8	145	9480	160	200	BK GNYE	12586209

* capacity in water, typical value

MM: insulation and sheath material designation according to EN 50264-1

