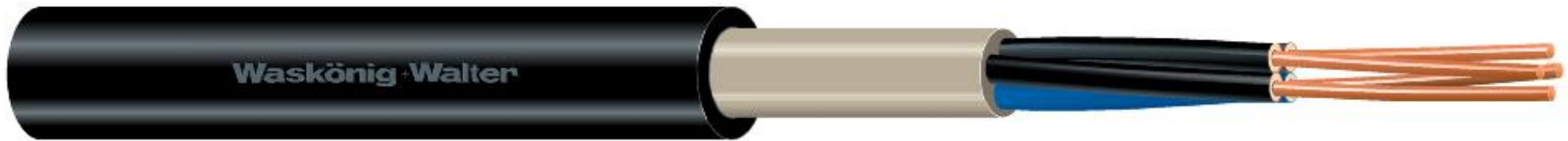


**Power cable**

**U-1000 R2V**

Power cable, XLPE insulated, copper conductor, PVC outersheath

0.6/1 kV



According to NFC 32-321.

Characteristics	Properties	Unit
Conductor material	Copper	
Conductor surface	Bare	
Shape of conductor	Round	
Core identification according to HD 308 S2	Yes	
Laminated sheath	No	
Fibre optic elements	No	
Inner semi-conducting layer	No	
Outer semi-conducting layer	No	
Screen	No	
Concentric conductor	None	
Armouring	No	
Material outer sheath	Polyvinyl chloride (PVC)	
Specification material outer sheath	Other	
Colour outer sheath	Black	

Characteristics	Properties	Unit
Conductive coating	No	
Longitudinal water blocking screen	No	
Reaction-to-fire according to EN 13501-6: Class	Eca	
Halogen free (acc. EN 60754-1/2)	No	
Flame retardant	In accordance with IEC/EN 60332-1-2	
Low smoke (acc. EN 61034-2)	No	
Max. conductor temperature	90	°C
Permitted cable outer temperature during assembling/handling	-15 <=> 70	°C
Nominal voltage U0	0.6	kV
Nominal voltage U	1	kV
max. short circuit temperature	250	°C
Insulation	XLPE (VPE)	

Product											Packaging						
Number of cores (in Stck)	Nominal cross section conductor (in mm²)	Conductor category	Core identification	Kerndurchmesser	Longitudinal water blocking conductors	Min. permitted bending radius, stationary application/permanent installation (in mm)	Minimum bending radius (in x Außen-Ø)	Outer diameter approx. (in mm)	Protective conductor	Weight (in kg/km)	Packing	Individual length (in m)	Außendurchmesser	Bruttogewicht pro Paletteinheit	Höhe	Paletteinheit	Net weight (in kg)
1	16	Class 2 = stranded	Colour			135	15	9	No	184.89	Ring, Drum	Cut length					185
1	25	Class 2 = stranded	Colour			150	15	10	No	279.12	Ring, Drum	Cut length					279
1	25	Class 2 = stranded	Colour			150	15	10	No	279.12	Ring, Drum	Cut length					279
1	25	Class 2 = stranded	Colour	200		150	15	10	No	279.12	Ring	50	390	1,027.63	56	3,600	14
1	25	Class 2 = stranded	Colour	200		150	15	10	No	279.12	Ring	100	390	1,027.63	112	3,600	28
1	35	Class 2 = stranded	Colour			180	15	12	No	370.62	Ring, Drum	Cut length					371
1	70	Class 2 = stranded	Colour			225	15	15	No	692.47	Ring, Drum	Cut length					692

Product											Packaging						
Number of cores (in Stck)	Nominal cross section conductor (in mm <sup>2</sup> )	Conductor category	Core identification	Kerndurchmesser	Longitudinal water blocking conductors	Min. permitted bending radius, stationary application/permanent installation (in mm)	Minimum bending radius (in x Außen-Ø)	Outer diameter approx. (in mm)	Protective conductor	Weight (in kg/km)	Packing	Individual length (in m)	Außendurchmesser	Bruttogewicht pro Paletteinheit	Höhe	Paletteinheit	Net weight (in kg)
1	95	Class 2 = stranded	Colour			255	15	17	No	941.14	Ring, Drum	Cut length					941
1	120	Class 2 = stranded	Colour			270	15	18	No	1,167.1	Ring, Drum	Cut length					1,167
1	150	Class 2 = stranded	Colour			300	15	20	No	1,446.2	Ring, Drum	Cut length					1,446
1	185	Class 2 = stranded	Colour			330	15	22	No	1,784	Ring, Drum	Cut length					1,784
1	240	Class 2 = stranded	Colour			375	15	25	No	2,331.3	Ring, Drum	Cut length					2,331
1	300	Class 2 = stranded	Colour			420	15	28	No	2,915.6	Ring, Drum	Cut length					2,916
1	400	Class 2 = stranded	Colour			465	15	31	No	3,718.7	Ring, Drum	Cut length					3,719
1	500	Class 2 = stranded	Colour			525	15	35	No	4,773.4	Ring, Drum	Cut length					4,773
1	630	Class 2 = stranded	Colour			630	15	42	No	6,304.7	Ring, Drum	Cut length					6,305
2	1.5	Class 1 = solid	Colour	200			12	9	No	91.83	Ring	50	360	436.04	51	4,500	5
2	1.5	Class 1 = solid	Colour	200			12	9	No	91.83	Ring	100	390	573.78	80	6,000	9
2	1.5	Class 1 = solid	Colour	150			12	9	No	91.83	Drum	500	410	610.98	419	6,000	46
2	1.5	Class 1 = solid	Colour	260			12	9	No	91.83	Drum	1000	600	407.72	419	4,000	92
2	2.5	Class 1 = solid	Colour	200			12	10	No	119.08	Ring	100	390	594.38	95	4,800	12
2	2.5	Class 1 = solid	Colour	260			12	10	No	119.08	Drum	1000	600	516.72	419	4,000	119
2	10	Class 2 = stranded	Colour				12	13	No	319.25	Ring, Drum	Cut length					319
2	10	Class 2 = stranded	Colour	200			12	14	No	319.25	Ring	50	390	405.9	99	1,200	16
2	16	Class 2 = stranded	Colour				12	16	No	496.71	Ring, Drum	Cut length					497
2	16	Class 2 = stranded	Colour	300			12	16	No	496.71	Ring	50	470	469.84	115	900	25
2	25	Class 2 = stranded	Colour			228	12	19	No	765.46	Ring, Drum	Cut length					765
2	25	Class 2 = stranded	Colour	300		228	12	19	No	765.46	Ring	50	590	711.71	88	900	38

Product											Packaging						
Number of cores (in Stck)	Nominal cross section conductor (in mm <sup>2</sup> )	Conductor category	Core identification	Kerndurchmesser	Longitudinal water blocking conductors	Min. permitted bending radius, stationary application/permanent installation (in mm)	Minimum bending radius (in x Außen-Ø)	Outer diameter approx. (in mm)	Protective conductor	Weight (in kg/km)	Packing	Individual length (in m)	Außendurchmesser	Bruttogewicht pro Paletteinheit	Höhe	Paletteinheit	Net weight (in kg)
2	35	Class 2 = stranded	Colour			264	12	22	No	1,006.2	Ring, Drum	Cut length					1,006
2	35	Class 2 = stranded	Colour	450		264	12	22	No	1,006.2	Drum	250	900	299.55	695	250	252
3	1.5	Class 1 = solid	Colour	200			12	9	Yes	107.35	Ring	50	370	505.88	51	4,500	5
3	1.5	Class 1 = solid	Colour	200			12	9	Yes	107.35	Ring	100	390	666.9	88	6,000	11
3	1.5	Class 1 = solid	Colour	200			12	9	No	107.35	Ring	100	390	666.9	88	6,000	11
3	1.5	Class 1 = solid	Colour	150			12	9	Yes	107.35	Drum	500	410	704.1	419	6,000	54
3	1.5	Class 1 = solid	Colour	150			12	9	No	107.35	Drum	500	410	704.1	419	6,000	54
3	1.5	Class 1 = solid	Colour	260			12	9	Yes	107.35	Drum	1000	600	469.8	419	4,000	107
3	2.5	Class 1 = solid	Colour				12	10	Yes	142.65	Ring	50		621.93		4,200	7
3	2.5	Class 1 = solid	Colour	200			12	10	Yes	142.65	Ring	100	390	707.52	105	4,800	14
3	2.5	Class 1 = solid	Colour	150			12	10	Yes	142.65	Drum	500	450	918.3	419	6,000	71
3	4	Class 1 = solid	Colour				12	11	Yes	194.45	Ring, Drum	Cut length					194
3	4	Class 1 = solid	Colour	260			12	11	Yes	194.45	Drum	500	600	429.3	419	2,000	97
3	4	Class 1 = solid	Colour	315			12	11	Yes	194.45	Drum	1000	752	851.24	419	4,000	194
3	6	Class 2 = stranded	Colour				12	13	Yes	272.04	Ring	50		757.31		2,700	14
3	6	Class 2 = stranded	Colour	200			12	13	Yes	272.04	Ring	100	430	675.7	130	2,400	27
3	6	Class 2 = stranded	Colour	260			12	13	Yes	272.04	Drum	500	600	584.48	419	2,000	136
3	10	Class 2 = stranded	Colour				12	14	Yes	404.44	Ring, Drum	Cut length					404
3	10	Class 2 = stranded	Colour	315			12	14	Yes	404.44	Drum	500	752	882.32	419	2,000	202
4	1.5	Class 1 = solid	Colour	200			12	10	Yes	127.75	Ring	50	390	636	52	4,800	6
4	1.5	Class 1 = solid	Colour	200			12	10	Yes	127.75	Ring	100	390	636	103	4,800	13

Product											Packaging						
Number of cores (in Stck)	Nominal cross section conductor (in mm <sup>2</sup> )	Conductor category	Core identification	Kerndurchmesser	Longitudinal water blocking conductors	Min. permitted bending radius, stationary application/permanent installation (in mm)	Minimum bending radius (in x Außen-Ø)	Outer diameter approx. (in mm)	Protective conductor	Weight (in kg/km)	Packing	Individual length (in m)	Außendurchmesser	Bruttogewicht pro Paletteinheit	Höhe	Paletteinheit	Net weight (in kg)
4	1.5	Class 1 = solid	Colour	200			12	10	No	127.75	Ring	100	390	636	103	4,800	13
4	1.5	Class 1 = solid	Colour	150			12	10	Yes	127.75	Drum	500	450	828.9	419	6,000	64
4	1.5	Class 1 = solid	Colour	150			12	10	No	127.75	Drum	500	450	828.9	419	6,000	64
4	1.5	Class 1 = solid	Colour	260			12	10	Yes	127.75	Drum	1000	600	551.4	419	4,000	128
4	2.5	Class 1 = solid	Colour	200	Yes		12	10	Yes	172.3	Ring	50	390	384.63	62	2,100	9
4	2.5	Class 1 = solid	Colour	200			12	11	Yes	172.3	Ring	100	390	746.46	123	4,200	17
4	2.5	Class 1 = solid	Colour	260			12	11	Yes	172.3	Drum	500	600	385	419	2,000	86
4	4	Class 1 = solid	Colour	200			12	12	Yes	238.04	Ring	100	390	879.74	150	3,600	24
4	4	Class 1 = solid	Colour	260			12	12	Yes	238.04	Drum	500	600	516.48	419	2,000	119
4	10	Class 2 = stranded	Colour				12	15	No	504.35	Ring, Drum	Cut length					504
4	10	Class 2 = stranded	Colour	300			12	16	No	504.35	Ring	50	430	476.72	157	900	25
4	10	Class 2 = stranded	Colour	450			12	16	No	504.35	Drum	500	900	300.18	695	500	252
4	16	Class 2 = stranded	Colour				12	18	No	789.66	Ring, Drum	Cut length					790
4	16	Class 2 = stranded	Colour	300			12	18	No	789.66	Ring	50	470	615.05	155	750	39
4	25	Class 2 = stranded	Colour			264	12	22	No	1,226.9	Ring, Drum	Cut length					1,227
4	25	Class 2 = stranded	Colour		No	264	12	22	Yes	1,226.9	Ring, Drum	Cut length					1,227
4	25	Class 2 = stranded	Colour	450		264	12	22	No	1,226.9	Drum	250	900	354.73	695	250	307
4	35	Class 2 = stranded	Colour		No	300	12	25	No	1,634.4	Ring, Drum	Cut length					1,634
4	35	Class 2 = stranded	Colour			300	12	25	Yes	1,634.4	Ring, Drum	Cut length					1,634
4	35	Class 2 = stranded	Colour	450		300	12	25	No	1,634.4	Drum	250	900	456.6	695	250	409
4	50	Class 2 = stranded	Colour			336	12	28	No	2,174.4	Ring, Drum	Cut length					2,174

Product											Packaging						
Number of cores (in Stck)	Nominal cross section conductor (in mm <sup>2</sup> )	Conductor category	Core identification	Kerndurchmesser	Longitudinal water blocking conductors	Min. permitted bending radius, stationary application/permanent installation (in mm)	Minimum bending radius (in x Außen-Ø)	Outer diameter approx. (in mm)	Protective conductor	Weight (in kg/km)	Packing	Individual length (in m)	Außendurchmesser	Bruttogewicht pro Paletteinheit	Höhe	Paletteinheit	Net weight (in kg)
4	50	Class 2 = stranded	Colour			336	12	28	Yes	2,174.4	Ring, Drum	Cut length					2,174
4	50	Class 2 = stranded	Colour	450		336	12	28	No	2,174.4	Drum	250	900	591.6	695	250	544
4	70	Class 2 = stranded	Colour			396	12	33	No	3,101.2	Ring, Drum	Cut length					3,101
4	70	Class 2 = stranded	Colour			396	12	33	Yes	3,101.2	Ring, Drum	Cut length					3,101
4	95	Class 2 = stranded	Colour			456	12	38	No	4,173.9	Ring, Drum	Cut length					4,174
4	120	Class 2 = stranded	Colour			492	12	41	No	5,186.3	Ring, Drum	Cut length					5,186
4	240	Class 2 = stranded	Colour			696	12	58	No	10,453	Ring, Drum	Cut length					10,453
5	1.5	Class 1 = solid	Colour	200	Yes		12	10	Yes	149.3	Ring	50	390	649.86	60	4,200	7
5	1.5	Class 1 = solid	Colour	200			12	11	Yes	149.3	Ring	100	390	649.86	120	4,200	15
5	1.5	Class 1 = solid	Colour	150			12	11	Yes	149.3	Drum	500	500	804.3	419	5,000	75
5	1.5	Class 1 = solid	Colour	315			12	11	Yes	149.3	Drum	1000	752	670.64	419	4,000	149
5	2.5	Class 1 = solid	Colour	200			12	12	Yes	203.38	Ring	50	390	754.97	72	3,600	10
5	2.5	Class 1 = solid	Colour	200			12	12	Yes	203.38	Ring	100	390	632.94	144	3,000	20
5	2.5	Class 1 = solid	Colour	260			12	12	Yes	203.38	Drum	500	600	447.16	419	2,000	102
5	4	Class 1 = solid	Colour		Yes		12	13	Yes	283.43	Ring, Drum	Cut length					283
5	4	Class 1 = solid	Colour	315			12	13	Yes	283.43	Drum	500	752	640.3	419	2,000	142
5	6	Class 2 = stranded	Colour	300			12	15	Yes	409.36	Ring	50	430	514.03	140	1,200	20
5	6	Class 2 = stranded	Colour	300			12	15	Yes	409.36	Ring	100	590	595.9	103	1,400	41
5	6	Class 2 = stranded	Colour	315			12	15	Yes	409.36	Drum	500	752	892.16	419	2,000	205
5	10	Class 2 = stranded	Colour				12	17	Yes	619.28	Ring, Drum	Cut length					619
5	16	Class 2 = stranded	Colour		No		12	20	Yes	963.88	Ring, Drum	Cut length					964

Product											Packaging						
Number of cores (in Stck)	Nominal cross section conductor (in mm <sup>2</sup> )	Conductor category	Core identification	Kerndurchmesser	Longitudinal water blocking conductors	Min. permitted bending radius, stationary application/permanent installation (in mm)	Minimum bending radius (in x Außen-Ø)	Outer diameter approx. (in mm)	Protective conductor	Weight (in kg/km)	Packing	Individual length (in m)	Außendurchmesser	Bruttogewicht pro Paletteinheit	Höhe	Paletteinheit	Net weight (in kg)
5	25	Class 2 = stranded	Colour			300	12	25	Yes	1,499.9	Ring, Drum	Cut length					1,500
7	1.5	Class 1 = solid	Numbers			132	12	11	Yes	195.62	Ring, Drum	Cut length					196
7	1.5	Class 1 = solid	Numbers	200		132	12	11	Yes	195.62	Ring	50	390	668.35	69	3,300	10
7	1.5	Class 1 = solid	Numbers	200		132	12	11	Yes	195.62	Ring	100	390	609.66	137	3,000	20
7	1.5	Class 1 = solid	Numbers			132	12	11	Yes	195.62	Ring	200		335.79		1,600	39
7	1.5	Class 1 = solid	Numbers	260			12	11	Yes	195.62	Drum	500	600	431.64	419	2,000	98
7	1.5	Class 1 = solid	Numbers	315		132	12	11	Yes	195.62	Drum	1000	752	855.92	419	4,000	196
7	2.5	Class 1 = solid	Numbers			156	12	13	Yes	268.8	Ring, Drum	Cut length					269
7	2.5	Class 1 = solid	Numbers			156	12	13	Yes	268.8	Ring	50		748.56		2,700	13
7	2.5	Class 1 = solid	Numbers			156	12	13	Yes	268.8	Ring	100		667.92		2,400	27
7	2.5	Class 1 = solid	Numbers	260			12	13	Yes	268.8	Drum	500	600	578	419	2,000	134
12	1.5	Class 1 = solid	Numbers			180	12	15	Yes	318.33	Ring, Drum	Cut length					318
12	1.5	Class 1 = solid	Numbers	300		180	12	15	Yes	318.33	Ring	50	430	404.8	133	1,200	16
12	1.5	Class 1 = solid	Numbers	300		180	12	15	Yes	318.33	Ring	100	590	532.13	98	1,600	32
12	1.5	Class 1 = solid	Numbers	315		180	12	15	Yes	318.33	Drum	500	752	710.1	419	2,000	159
12	2.5	Class 1 = solid	Numbers			192	12	16	Yes	444.02	Ring, Drum	Cut length					444
19	1.5	Class 1 = solid	Numbers			204	12	17	Yes	445.83	Ring, Drum	Cut length					446
24	1.5	Class 1 = solid	Numbers			228	12	19	Yes	566.86	Ring, Drum	Cut length					567
27	1.5	Class 1 = solid	Numbers			240	12	20	Yes	626.2	Ring, Drum	Cut length					626
37	1.5	Class 1 = solid	Numbers			264	12	22	Yes	799.3	Ring, Drum	Cut length					799