



RZ1-K

Class 5 copper conductors to IEC60228/XLPE insulated/thermoplastic fire-resistant, halogen free polyolefin (Z1) sheathed. IEC 60502-1 and UNE 21123-4.

Applications:	Suitable for use in public places, where safety and security are important. In case of fire the cable does not emit toxic gases. The cable is for outdoor usage to tolerate ambient temperature and direct sun light (UV-protected).
Sheath colour:	Green
Voltage:	0.6 / 1kV
Operating Temperature:	-40°C to + 90°C
Colour code:	2 core – Blue and Brown 3 core – Brown, Black and Grey 4 core – Brown, Black, Grey and Blue 5 core – Brown, Black, Grey, Blue and Green/Yellow
Standards:	Fire Retardant: IEC 60332-3 Flame Retardant: IEC 60332-1-2 Halogen Free: IEC 60754-1 Low acidity and corrosivity: IEC 60754-2 Low smoke emission: IEC 61034-2
Designation:	R – XLPE insulation Z1 – Halogen free thermoplastic polyolefin -K – Flexible conductor



Cross section mm ²	Overall diameter mm	Weight Kg/km	Min bending radius mm	Max current rating at 30°C A	Max current rating buried at 20°C A	BATT Part No
2 x 1.5	8.6	100	35	26	26	45720
2 x 2.5	9.4	125	40	36	34	45721
2 x 4	10.5	170	45	49	44	-
2 x 6	11.6	220	50	63	56	-
2 x 10	13.5	325	55	86	73	-
2 x 16	15.5	465	65	115	95	45614
2 x 25	18.8	695	75	149	121	-
2 x 35	21.8	975	90	185	146	-
2 x 50	21.3	1.150	85	225	173	-
2 x 70	24.7	1.590	100	289	213	-
2 x 95	27.7	2.060	140	352	252	-
2 x 120	31.3	2.620	160	410	287	-
2 x 150	34.5	3.230	175	473	324	-
2 x 185	37.8	3.920	190	542	363	-
2 x 240	43.3	5.180	220	641	419	-
3 G 1.5	9.0	115	40	26	26	45439
3 G 2.5	9.9	150	40	36	34	45440
3 G 4	11.1	205	45	49	44	45441
3 G 6	12.3	275	50	63	56	45442
3 G 10	14.3	410	60	86	73	45624
3 G 16	16.5	595	70	115	95	-
3 x 25	20.0	900	80	127	101	-
3 x 35	23.3	1.265	95	158	122	-

www.batt.co.uk

battindustrial.sales@batt.co.uk



Cross section mm ²	Overall diameter mm	Weight Kg/km	Min bending radius mm	Max current rating at 30°C A	Max current rating buried at 20°C A	BATT Part No
3 x 50	24.9	1.550	100	192	144	-
3 x 70	29.2	2.160	150	346	178	-
3 x 95	32.5	2.790	165	398	211	-
3 x 120	36.7	3.545	185	346	240	-
3 x 150	40.6	4.395	205	395	271	-
3 x 185	44.3	5.315	225	450	304	-
3 x 240	50.8	7.020	305	538	351	-
3 x 300	57.7	8.850	350	-	396	-
4 G 1.5	9.9	140	40	23	22	45452
4 G 2.5	10.9	185	45	31	29	45453
4 G 4	12.2	255	50	42	37	45454
4 G 6	13.5	340	55	54	46	45455
4 G 10	15.8	525	65	75	61	45733
4 G 16	18.3	760	75	100	79	45734
4 x 25	22.4	1.150	90	127	101	-
4 x 35	25.6	1.600	130	158	122	45735
4 x 50	27.5	2.065	140	192	144	-
4 x 70	32.3	2.885	165	246	178	45736
4 x 95	35.9	3.730	180	298	211	-
4 x 120	40.7	4.765	205	346	240	-
4 x 150	44.9	5.890	225	395	271	45737
4 x 185	49.4	7.180	250	450	304	45738
4 x 240	56.6	9.480	340	538	351	45739
4 x 300	64.5	11.985	390	-	396	-
5 G 1.5	10.8	170	45	23	22	-
5 G 2.5	11.9	225	50	31	29	45658
5 G 4	13.4	310	55	42	37	45659
5 G 6	14.9	420	60	54	46	45657
5 G 10	17.5	645	70	75	61	45623
5 G 16	20.2	925	85	100	79	45625
5 G 25	24.8	1.410	100	127	101	45622
5 G 35	28.4	1.955	145	158	122	45740
5 G 50	33.1	2.735	170	192	144	45621
5 G 70	39.0	3.865	195	246	178	45562
5 G 95	43.4	4.980	220	298	211	45561
5 G 120	49.4	6.350	250	346	240	-
5 G 150	54.7	8.020	330	395	271	-