



RZ1-K High Safety Cable

Class 5 copper conductors to IEC60228/XLPE insulated/thermoplastic fire-resistant, halogen free polyolefin (Z1) sheathed.

Applications:	Suitable for use in public places, where safety and security are important. In case of fire the cable does not emit toxic gases.
Sheath colour:	Black or Green
Voltage:	0.6 / 1kV
Operating Temperature:	-15°C to + 90°C
Colour code:	2 core – Blue and Brown 3 core – Brown, Black and Grey 4 core – Brown, Black, Grey and Blue
Standards:	EN50265, EN50266, EN50267, EN50268 IEC60502, IEC60754, IEC61034 Flame retardant to IEC60332-3
Designation:	R – XLPE insulation Z1 – Halogen free thermoplastic polyolefin -K – Flexible conductor



No of cores	Conductor size mm	Diameter overall mm	Bending radius mm	Current rating in air 40°C amps	Current rating buried 25°C amps	Weight Kg/km	BATT part no.
2	50	21.6	90	188	183	1200	-
2	70	25.1	125	244	224	1650	-
2	95	28.0	140	296	265	2130	-
2	120	31.5	160	348	302	2705	-
2	150	34.8	175	404	342	3345	-
2	185	38.0	190	464	383	4025	-
2	240	43.5	220	552	442	5340	-
2	300	49.3	250	638	500	6700	-
3	50	25.3	130	167	152	1585	-
3	70	29.6	150	214	187	2225	-
3	95	32.8	165	259	222	2845	-
3	120	36.9	185	301	253	3635	-
3	150	40.8	205	353	286	4495	-
3	185	44.5	225	391	320	5415	45563
3	240	51.0	310	468	370	7185	-
3	300	57.9	350	538	418	8990	-
4	50	27.9	140	167	152	2135	-
4	70	32.7	165	214	187	2975	-
4	95	36.2	185	259	222	3825	-
4	120	41.0	205	301	253	4890	-
4	150	45.3	230	353	286	6070	-
4	185	49.7	250	391	320	7315	-
4	240	56.8	345	468	370	9710	-
4	300	64.4	390	538	418	12155	-