

HOSE CABLE RZ1-K (AS) 0,6/1 KV Halogens free



TECHNICAL NAME

- RZ1-K (AS)

CONSTRUCTIVE NORMATIVE:

- UNE 21123-4.

NOMINAL VOLTAGE:

- 0,6/1 KV.

TEST VOLTAGE:

- Alternating current: 3.5 KV
- Direct current: 8.5 KV

ISOLATION

- XLPE: Reticulated polyethylene type DIX 3 according to Norma UNE HD 603-1 table 2 A.
- Polyolephine thermoplastic cover (color green) according to Norma UNE 21123-4. Do not allow the propagation of the fire. UNE-EN 60332. Low emission of opaque gases.

MAXIMUM SERVICE TEMPERATURE FOR ISOLATION:

- Maximum temperature at permanent service: 90°C.
- Short-circuit (5s): 250°C.

CONDUCTOR:

- Manufactured according to Norma UNE 21123-4. Flexible annealed copper electrolytic conductor class 5, according to Norma UNE-EN 60228. Multipolar sets from 1 to 5 isolated phases, depending to the installation needed.

COLORS: yellow/green, blue, grey, brown and black according to Norma UNE 21089-1.

INSTALLATION TYPE: fixed.

USE GUIDE:

"Transport and distribution of electric energy in fixed installations, protected or not. Suitable for indoor and outdoor installations, over air backing, in tube or buried. Not suitable for alimentacion installations for submersible pumps". (UNE 21123-4). Mainly appropriate for distribution networks, electrical connection, public concurrence places (schools, hospitals, commercial centers, cinemas, offices, and so on) and by and large in case of high risk of fire or if a low smoke and corrosive gases emissions is needed in case of fire.

RECOMMENDATIONS:

The cable will be handled and laid in the way to avoid any danger at the facilities (groupings of cables, mechanical damages, and so on). Cable recommended for installations that require higher protection against fire

Code	Name	Nominal section (mm ²)	Isolation thickness average (mm)	External diameter average (mm)	Weight kg/km appr.	Max. resistance conductor at 20°C Ω/km
9648	RZ1-K (AS)	1X2,5	0,7	6,3	61	7,98
9649	RZ1-K (AS)	1X4	0,7	6,8	75	4,95
9650	RZ1-K (AS)	1X6	0,7	7,5	100	3,3
9651	RZ1-K (AS)	1X10	0,7	8,4	147	1,91
9652	RZ1-K (AS)	1X16	0,7	9,6	210	1,21
9653	RZ1-K (AS)	1X25	0,9	11,3	297	0,78
9654	RZ1-K (AS)	1X35	0,9	12,6	395	0,55
9655	RZ1-K (AS)	1X50	1	14,2	550	0,38
8502	RZ1-K (AS)	2X1,5	0,7	9	108	13,3
8501	RZ1-K (AS)	2X2,5	0,7	9,8	140	7,98
8503	RZ1-K (AS)	2X4	0,7	11	175	4,95
8507	RZ1-K (AS)	2X6	0,7	12,5	250	3,3
8509	RZ1-K (AS)	2X10	0,7	14,4	360	1,91
8505	RZ1-K (AS)	3G1,5	0,7	9,3	130	13,3
8506	RZ1-K (AS)	3G2,5	0,7	10,5	163	7,98
8517	RZ1-K (AS)	3G4	0,7	12,9	250	4,95
8508	RZ1-K (AS)	3G6	0,7	13,5	330	3,3
8518	RZ1-K (AS)	3G10	0,7	15	450	1,91
8511	RZ1-K (AS)	4G1,5	0,7	10,2	150	13,3
8512	RZ1-K (AS)	4G2,5	0,7	11,7	210	7,98
8513	RZ1-K (AS)	4G4	0,7	13	297	4,95
8521	RZ1-K (AS)	4G6	0,7	14	380	3,3
8519	RZ1-K (AS)	4G10	0,7	17	570	1,91
8514	RZ1-K (AS)	5G1,5	0,7	11,5	200	13,3
8515	RZ1-K (AS)	5G2,5	0,7	13	260	7,98
8516	RZ1-K (AS)	5G4	0,7	15	320	4,95
8520	RZ1-K (AS)	5G6	0,7	16	480	3,3

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