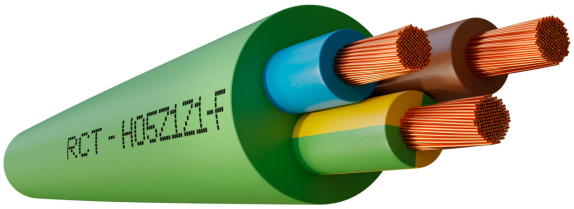
Cables 300/500 V

H05Z1Z1-F





Description

Especially indicated in those places where high safety materials need to be installed or where greater fire protection is required. These cables are indicated for indoor mobile installations and for household appliances with medium mechanical strain.

Reference Standards UNE-EN 50525-3-11, EN 50525-3-11 and IEC 62821

Applications

Suitable for the followinf installations:

- Indoor or receiver installations
- Public premises
- Installations in premises with fire or explosion risk
- Installations in premises with special characteristics
- Installations with special purposes: provisional and temporary works installations
- Installations with special purposes, fairs and stands

They are also appropriate for other installations where greater fire protection is required, even in housing.

Technical Characteristics

1. Conductor	Flexible electrolytic copper conductor (Class V) according to BS EN 60228:2005 (previously BS6360) and UNE 60228
2. Insulation	Halogen-free thermoplastic polyolefin, type TI-6 in compliance with UNE 21031-14
3. Sheath	Halogen-free thermoplastic polyolefin, type TM-7 in compliance with UNE 21031-14 and HD 21.14S1
Test voltage	2.000 V A.C.
Maximum temperature	70 ºC
Minimum temperature	-15ºC According to standard cold tests
Minimum installation and handling temperature	5 ºC according to UNE-EN 50565-2
Colours	According to UNE 21089 and HD 308 S2 (colour-marked for less than five drivers), UNE-EN 50334 and EN 50334 (marked by registration for more than five drivers)
No flame spread	According to UNE-EN 60332-1-2, EN 60332-1-2 and IEC 60332-1-2
Low halogen content	According to IEC 60754-1 and 60754-2
Low emission of corrosive gases	According to UNE-EN 50267, EN 50267 and IEC 60754-1 and 60754-2
Low emission of opaque fumes	According to UNE-EN 61034-2, EN 61034-2 and IEC 61034-2

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Cables RCT, as a consequence of his continuous improvement process, may modify any technical specification without further notice.

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Dimensions

Section (mm2)	Resistance at 20°C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
2x0,5	39	5,13	38	
2x0,75	26	5,85	50	Dca-s2,d2,a2
2x1	19,5	6,05	57	Dca-s2,d2,a2
2x1,5	13,3	7,15	75	Dca-s2,d2,a2
2x2,5	7,98	8,4	122	Dca-s2,d2,a2
2x4	4,95	10	169	Dca-s2,d2,a2
3x0,5	39	5,43	45	
3x0,75	26	6,18	60	Dca-s2,d2,a2
3x1	19,5	6,54	70	Dca-s2,d2,a2
3x1,5	13,3	7,75	98	Dca-s2,d2,a2
3x2,5	7,98	9,64	157	Dca-s2,d2,a2
3x4	4,95	10,6	207	Dca-s2,d2,a2
4x0,5	39	5,92	55	
4x0,75	26	6,72	71	Dca-s2,d2,a2
4x1	19,5	7,38	89	Dca-s2,d2,a2
4x1,5	13,3	8,9	127	Dca-s2,d2,a2
4x2,5	7,98	10,25	186	Dca-s2,d2,a2
4x4	4,95	11,8	260	Dca-s2,d2,a2
4x6	3,3	13,95	373	
4x10	1,91	17,46	589	Dca-s2,d2,a2
5x0,5	39	6,66	69	
5x0,75	26	7,4	87	Dca-s2,d2,a2
5x1	19,5	8,22	111	Dca-s2,d2,a2
5x1,5	13,3	10,02	162	Dca-s2,d2,a2
5x2,5	7,98	11,85	244	Dca-s2,d2,a2
5x4	4,95	13,1	323	Dca-s2,d2,a2

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