

Cables 300/500 V

05VV-F



Description

These cables are indicated for indoor mobile installations and household appliances with medium mechanical strain, their main use being for domestic applications.

Reference Standards: UNE 21031 and IEC 60227-5

Applications

Suitable for the following installations:

- Indoor or receiver installations•
- Indoor installations in housing
- Premises that contain a bath or shower
- Installations in premises with special characteristics
- Installations with special purposes
- Provisional and temporary works installations
- Electrical installations in furnishings

Technical Characteristics

1. Conductor	Flexible electrolytic copper conductor (Class V) according to BS EN 60228:2005 (previously BS6360) and UNE 60228
2. Insulation	PVC insulation, type TI-2, according to BS7655 and HD 21.5S3:1994/A2:2001
3. Sheath	PVC sheath, type TM-2, according to BS7655 and HD 21:5S3:1994/A2:2001
Nominal voltage	300/500V
Test voltage	2.000 V A.C.
Maximum temperature	70 °C

Other characteristics

Cores are inscription marked according to UNE-EN 50334 and EN 50334, with a yellow-green core.

Also available without grounding conductor.

Non-flame propagating according to UNE-EN 60332-1-2, EN 60332-1-2 and IEC 60332-1-2

CPR Classification according to EN 50575

Dimensions

Section (mm ²)	Resistance at 20 °C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
6G0,5	39	7,00	72	Eca
6G0,75	26	8,30	98	Eca
6G1	19,5	9,35	132	Eca
6G1,5	13,3	11,00	177	Eca
7G0,5	39	7,20	82	Eca
7G0,75	26	9,00	114	Eca
7G1	19,5	9,75	156	Eca
7G1,5	13,3	11,00	195	Eca
7G2,5	7,98	12,60	286	Eca
8G0,5	39	8,40	104	Eca
8G0,75	26	9,05	128	Eca
8G1	19,5	10,25	169	Eca
8G1,5	13,3	11,85	214	Eca
9x0,75	26	10,25	154	Eca
10G0,5	39	8,30	109	Eca
10G0,75	26	10,25	165	Eca
10G1	19,5	12,00	227	Eca
10G1,5	13,3	13,85	265	Eca
11x0,75	26	11,00	182	Eca
12G0,5	39	8,90	116	Eca
12G0,75	26	11,00	193	Eca
12G1	19,5	12,40	247	Eca
12G1,5	13,3	13,85	314	Eca

Section (mm ²)	Resistance at 20 °C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
12G2,5	7,98	16,15	473	Eca
14G0,75	26	11,55	205	Eca
14G1	19,5	13,30	284	Eca
16G0,5	39	10,90	182	Eca
16G0,75	26	11,90	235	Eca
16G1	19,5	14,30	324	Eca
19G0,5	39	10,95	195	Eca
19G0,75	26	13,10	270	Eca
19G1	19,5	15,05	371	Eca
19G1,5	13,3	16,95	478	Eca
19G2,5	7,98	19,70	719	Eca
24G0,5	39	12,30	243	Eca
24G0,75	26	14,50	337	Eca
24G1	19,5	17,90	505	Eca
24G1,5	13,3	19,15	593	Eca
25G1	19,5	16,80	488	Eca
27G1	19,5	16,00	464	Eca
30G0,5	39	16,30	299	Eca
30G0,75	26	16,30	415	Eca
30G1	19,5	19,25	594	Eca
37G0,75	26	17,70	504	Eca
37G1	19,5	19,60	675	Eca