

Cables 300/500 V

H05VV-F-LSF



Description

The cables H05VV-F-LSF are indicated for indoor mobile installations and household appliances with medium mechanical strain, their main use being for domestic applications. They are suitable for installations where low corrosive gas emission and an improved fire behaviour are required.

Reference Standards: UNE-EN 50525-2-11, EN 50525-2-11 e 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
- Installations with special purposes: Fairs and stands
- Receiver 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 BS 7655, UNE-EN50363-3 and EN 50363-3
3. Sheath	PVC sheath, Type TM-2, according to BS 7655, UNE-EN 50363-4-1 and EN 50363-4-1
Nominal voltage	300/500 V
Test voltage	2.000 V A.C.
Maximum temperature	70 °C

Other characteristics

Colours according to UNE 21089 and HD 303S2 (colour marking when less than five conductors) and UNE-EN 50334 and EN 50334 (inscription marking when more than five conductors)

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

PVC with reduced hydrogen chloride (HCl) emission

Limited Oxygen Index LOI >= 30

Reduced emission of corrosive acids HCl <15%

Dimensions

Section (mm ²)	Resistance at 20 °C (Ohm/km)	External Diameter (mm)	Weight (kg/km)
2x0,75	26	5,95	51
2x1	19,5	6,45	61
2x1,5	13,3	6,80	77
2x2,5	7,98	8,70	118
2x4	4,95	9,70	161
3x0,75	26	6,30	60
3x1	19,5	6,90	74
3G1,5	13,3	8,10	104
3G2,5	7,98	9,40	147
3x4	4,95	10,50	175
4x0,75	26	6,90	73
4x1	19,5	7,75	94
4x1,5	13,3	9,10	130
4x2,5	7,98	10,50	184
4x4	4,95	11,50	206
5x0,75	26	7,70	90
5x1	19,5	8,45	110
5x1,5	13,3	9,55	146
5G2,5	7,98	11,25	222
5x4	4,95	13,00	309