



H05VV-F

Low voltage PVC insulated and sheathed flexible cable

APPLICATION

Flexible cable for medium mechanical stresses. Permitted frequent bending and twisting. Specially suitable for application in household, kitchens and offices in dry and damp conditions, for inst. washing-machines, dryers, refrigerators etc., as long as the cable is adapted to essential specifications of the device. Also suitable for cookers, i.e. hot devices, on condition that it does not get in direct contact with hot parts of the device and is not exposed to heat irradiation. Suitable for fixed installation in furniture, partition walls, decorative linings and cavities in prefabricated construction elements.

TECHNICAL CHARACTERISTICS

CPR Class: Eca
 Test voltage: 2,0 kV
 Rated voltage: 300/500 V
 Bending radius (min): 6xD
 Max. conductor temperature: 70°C
 Max. short-circuit temperature: 160°C

CONSTRUCTION

Conductors: Cu rope, class 5
 Insulation: PVC compound TI2
 Sheath: PVC compound TM2

STANDARD

EN 50525-2-11, IEC 60227

CORE IDENTIFICATION

According to HD 308 S2

Insulation Color:

2-core: ●Brown ●Blue

3-core (a): ●Green/Yellow ●Brown ●Blue

3-core (b): ●Black ●Brown ●Grey

4-core (a): ●Green/Yellow ●Brown ●Black ●Grey

4-core (b): ●Blue ●Brown ●Black ●Grey

5-core: ●Green/Yellow ●Blue ●Brown ●Black ●Grey

Outer Sheath Colour:

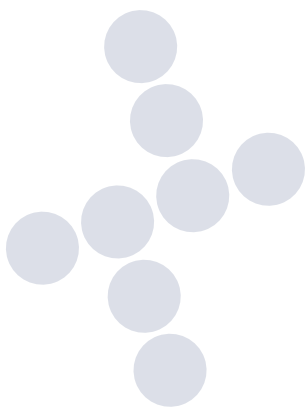
● Grey

Other colours available on request

CERTIFICATION



NOMINAL CROSS-SECTION	MAX. RESISTANCE AT 20°C	CURRENT CAPACITY IN AIR AT 30°C	INSULATION THICKNESS	OUTER DIAM. (APPROX.)	METAL WEIGHT	CABLE WEIGHT (APPROX.)
mm ²	Ω/km	A	mm	mm	kg/km	kg/km
2x0,75	26,0	6	0,6	6,0	14,4	53,5
2x1,0	19,5	10	0,6	6,6	19,2	61,5
2x1,5	13,3	16	0,7	7,2	23,0	82,5
2x2,5	7,98	20	0,8	8,8	48,0	127
2x4,0	4,95	30	0,8	10,2	76,8	174
3x0,75	26,0	6	0,6	6,4	21,6	63
3x1,0	19,5	10	0,6	7,2	28,8	73
3x1,5	13,3	16	0,7	8,1	34,6	103
3x2,5	7,98	20	0,8	9,5	72,0	159
3x4,0	4,95	30	0,8	11,0	115,2	218
4x0,75	26,0	6	0,6	6,9	28,8	76
4x1,0	19,5	10	0,6	7,8	38,4	92,5
4x1,5	13,3	16	0,7	8,7	46,1	129
4x2,5	7,98	20	0,8	10,4	96,0	193
4x4,0	4,95	30	0,8	12,0	153,6	269
5x0,75	26,0	6	0,6	7,7	36,0	96,5
5x1,0	19,5	10	0,6	8,6	48,0	112
5x1,5	13,3	16	0,7	9,8	57,6	162,5
5x2,5	7,98	20	0,8	11,6	120,0	243
5x4,0	4,95	30	0,8	13,6	192,0	345



ttcables