H05VV-F



Application

These cables are especially suited to use for the appliance with medium mechanical stress in households, kitchens and offices, also for household appliances in damp and wet areas, e. g. refrigerators, washing machines, spin-driver etc. As far as this cable is admitted to the relevant specifications of the equipment. These cables are suited to be used for cooking and heating apparatus under the condition that cable does not come in direct contact with hot parts of the apparatus and no other influences of heat. The cables are suitable for fixed installation in furnitures, partition walls, decoration covering and in hollow spaces of prefabricated building parts. They are not qualified for use in outdoors or for use with industrial and farmer machineries, exceptionally in tailoring, etc.

The materials used are free from silicon and cadmium and free from varnish damaging sustances.

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The materials used are free from silicon and cadmium and free from varnish damaging sustances.

Standards

acc. to DIN EN 50525-2-11 VDE 0285-525-2-11:2012-01 and IEC 60227-5,
self-extinguishing and flame retardant acc. to VDE 0482 part 265-2-1, EN 50265-2-1, IEC 60332-1

CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

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Construction

Inner Conductor	bare copper, fine-stranded acc. DIN VDE 0295 cl. 5 / IEC 60228 cl. 5
Core Insulation	Polyvinyl chloride (PVC)-TI2
Core Color	acc. to HD 308 S2 (7 core type with coloured cores : yellow/green, violet, pink, orange, brown, black, blue)
Stranding Elements	cores stranded in layers with optimal lay-length
Outer Insulation Material	Polyvinyl chloride (PVC) - TM2

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Mantel- / Schlauchleitungen
Sheathed Wires

Technical Data

Nominal Voltage	U_0/U: 300 /500 V
Nominal Volatage DC	U_0/U: 0 /0
Test Voltage	2000 V
Bending Radius moved (xD)	7.5
Bending Radius fixed (xD)	5
Operating Temperature solid	-15 °C bis 70 °C
Operating Temperature moving	5 °C bis 70 °C
Short Circuit Temperature	150 °C
Short Circuit Duration	5 sek.
Fire Classes	Eca

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Sheathed Wires

Prod. Nr. Prod. Nr.	Option Option	Dimensions Dimensions	Color Color	Weight (kg/km) approx. Weight (kg/km) approx.	Outer-Diameter (mm) approx. Outer-Diameter (mm) approx.
00304073	X	2 x 0,75	light grey - light grey	50,0	6,2
00304081	X	2 x 0,75	black - black	50,0	6,2
00304083	X	2 x 0,75	white - white	50,0	6,2
00304001	X	2 x 1	light grey - light grey	57,0	6,4
00304047	X	2 x 1	black - black	57,0	6,4
00304023	X	2 x 1	white - white	57,0	6,4
00304005	X	2 x 1,5	light grey - light grey	82,0	7,8
00304027	X	2 x 1,5	white - white	82,0	7,8
00304051	X	2 x 1,5	black - black	82,0	7,8
00304014	X	2 x 2,5	light grey - light grey	126,0	9,1
00304032	X	2 x 2,5	white - white	126,0	9,1
00304058	X	2 x 2,5	black - black	126,0	9,1
00304109	X	3 x 0,5	black - black	49,0	6,0
00304070	G	3 x 0,75	light grey - light grey	60,0	6,5
00304021	G	3 x 0,75	white - white	60,0	6,5
00304082	G	3 x 0,75	black - black	60,0	6,5
00304002	G	3 x 1	light grey - light grey	73,0	7,2
00304048	G	3 x 1	black - black	73,0	7,2
00304024	G	3 x 1	white - white	73,0	7,2
00304037	G	3 x 1	brown - brown	73,0	7,2
00304063	G	3 x 1	orange - orange	73,0	7,2
00304006	G	3 x 1,5	light grey - light grey	95,0	8,0
00304028	G	3 x 1,5	white - white	95,0	8,0
00304053	G	3 x 1,5	black - black	95,0	8,0

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00304041	G	3 x 1,5	brown - brown	95,0	8,0
00304104	G	3 x 1,5	red - red	95,0	8,0
00304065	G	3 x 1,5	orange - orange	95,0	8,0
00304115	G	3 x 1,5	tranparent - tranparent	95,0	8,0
00304117	G	3 x 1,5	yellow - yellow	95,0	8,0
00304015	G	3 x 2,5	light grey - light grey	152,0	9,7
00304033	G	3 x 2,5	white - white	152,0	9,7
00304059	G	3 x 2,5	black - black	152,0	9,7
00304103	G	3 x 2,5	red - red	152,0	9,7
00304076	G	4 x 0,75	light grey - light grey	73,0	7,2
00304077	G	4 x 0,75	white - white	73,0	7,2
00304078	G	4 x 0,75	black - black	73,0	7,2
00304092	X	4 x 0,75	light grey - light grey	73,0	7,2
00304108	X	4 x 0,75	black - black	73,0	7,2
00304088	G	4 x 1	light grey - light grey	85,0	7,8
00304098	G	4 x 1	black - black	85,0	7,8
00304099	G	4 x 1	white - white	85,0	7,8
00304091	X	4 x 1	grey - grey	85,0	7,8
00304087	G	4 x 1,5	light grey - light grey	117,0	9,2
00304100	G	4 x 1,5	white - white	117,0	9,2
00304086	G	4 x 1,5	black - black	117,0	9,2
00304107	G	4 x 1,5	red - red	117,0	9,2
00304090	G	4 x 2,5	light grey - light grey	192,0	11,0
00304101	G	4 x 2,5	white - white	192,0	11,0

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00304102	G	4 x 2,5	black - black	192,0	11,0
00304019	G	4 x 4	light grey - light grey	300,0	12,5
00304116	G	4 x 6	light grey - light grey	334,0	12,9
00304022	G	5 x 0,75	white - white	88,0	8,3
00304072	G	5 x 0,75	light grey - light grey	88,0	8,3
00304052	G	5 x 0,75	black - black	88,0	8,3
00304004	G	5 x 1	light grey - light grey	105,0	8,6
00304026	G	5 x 1	white - white	105,0	8,6
00304050	G	5 x 1	black - black	105,0	8,6
00304113	G	5 x 1	tranparent - tranparent	105,0	8,6
00304008	G	5 x 1,5	light grey - light grey	144,0	10,5
00304031	G	5 x 1,5	white - white	144,0	10,5
00304055	G	5 x 1,5	black - black	144,0	10,5
00304043	G	5 x 1,5	brown - brown	144,0	10,5
00304066	G	5 x 1,5	orange - orange	144,0	10,5
00304017	G	5 x 2,5	light grey - light grey	243,0	12,5
00304035	G	5 x 2,5	white - white	243,0	12,5
00304062	G	5 x 2,5	black - black	243,0	12,5
00304020	G	5 x 4	light grey - light grey	361,0	14,0
00304030	G	5 x 6	light grey - light grey	480,0	18,5
00304009	G	7 x 1	light grey - light grey	131,0	9,0
00304080	G	7 x 1	black - black	131,0	9,0
00304010	G	7 x 1,5	light grey - light grey	183,0	10,4
00304089	färbige Adern	7 x 1,5	light grey - light grey	183,0	10,4

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00304056	G	7 x 1,5	black - black	183,0	10,4
00304060	G	7 x 1,5	white - white	183,0	10,4
00304018	G	7 x 2,5	light grey - light grey	316,0	13,1
00304093	G	10 x 1,5	light grey - light grey	305,0	14,0

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