



Industrial PVC-cables - H05V-K/H07V-K/X05V-K/X07V-K



Technical attributes

Standards	DIN VDE 0281-3, DIN EN 50525-1, DIN EN 50525-2-31, HD 21.3
Conductor material	Cu, bare
Conductor type	flexible
Conductor category	5
Core insulation	PVC
Core colours	various colours
Temperature range min. (without mechanical stress)	-10 °C
Temperature range max., fixed installation	+70 °C
Minimum installation temperature	+5 °C
Short circuit temperature at conductor max.	+160 °C
Nominal voltage U ₀ /U	H05... = 300/500 V; H07... = 450/750 V
Test voltage	H05... = 2000 V; H07... = 2500 V
RoHS-compliant	yes

Description

As a core cable for installation in dry rooms, switching and distribution equipment, for wiring devices, pipe in, on and under plaster as well without pipe on suitable insulators.

Product table

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
01801001	H05V-K 0,5 bk	9,00	4,80	2,20	black
01801002	H05V-K 0,5 gn/ye	9,00	4,80	2,20	green/yellow
01801003	H05V-K 0,5 RAL 5015 bu	9,00	4,80	2,20	RAL 5015 blue
01801005	H05V-K 0,5 RAL 5002 ultramarin blue	9,00	4,80	2,20	RAL 5002 ultramarine blue
01801006	H05V-K 0,5 RAL 5003 dbu	9,00	4,80	2,20	RAL 5003 dark blue
01801007	H05V-K 0,5 RAL 5010 dbu	9,00	4,80	2,20	RAL 5010 dark blue
01801009	H05V-K 0,5 bn	9,00	4,80	2,20	brown
01801004	H05V-K 0,5 rd	9,00	4,80	2,20	red
01801008	H05V-K 0,5 og	9,00	4,80	2,20	orange
01801010	H05V-K 0,5 ye	9,00	4,80	2,20	yellow
01801011	H05V-K 0,5 gn	9,00	4,80	2,20	green
01801012	H05V-K 0,5 gy	9,00	4,80	2,20	grey
01801013	H05V-K 0,5 vt	9,00	4,80	2,20	violet
01801014	H05V-K 0,5 wh	9,00	4,80	2,20	white
01801156	H05V-K 0,5 pk	9,00	4,80	2,20	rose



Industrial PVC-cables - H05V-K/H07V-K/X05V-K/X07V-K

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
01801017	X05V-K 0,5 rd/wh	9,00	4,80	2,20	red/white
01801015	X05V-K 0,5 RAL 5015 bl/rd	9,00	4,80	2,20	RAL 5015 blue/red
01801195	X05V-K 0,5 RAL 5015 bu/wh	9,00	4,80	2,20	blue/white
01801164	X05V-K 0,5 dbu/wh	9,00	4,80	2,20	darkblue/white
01801019	H05V-K 0,75 bk	11,00	7,20	2,30	black
01801020	H05V-K 0,75 gn/ye	11,00	7,20	2,30	green/yellow
01801021	H05V-K 0,75 RAL 5015 bu	11,00	7,20	2,30	RAL 5015 blue
01801023	H05V-K 0,75 RAL 5002 ultramarin blue	11,00	7,20	2,30	RAL 5002 ultramarine blue
01801022	H05V-K 0,75 rd	11,00	7,20	2,30	red
01801024	H05V-K 0,75 og	11,00	7,20	2,30	orange
01801025	H05V-K 0,75 bn	11,00	7,20	2,30	brown
01801026	H05V-K 0,75 ye	11,00	7,20	2,30	yellow
01801027	H05V-K 0,75 gn	11,00	7,20	2,30	green
01801028	H05V-K 0,75 gy	11,00	7,20	2,30	grey
01801029	H05V-K 0,75 pk	11,00	7,20	2,30	rose
01801030	H05V-K 0,75 vt	11,00	7,20	2,30	violet
01801031	H05V-K 0,75 wh	11,00	7,20	2,30	white
01801262	H05V-K 0,75 transp	11,00	7,20	2,30	transparent
01801157	H05V-K 0,75 RAL 5010 dbu	11,00	7,2	2,30	RAL 5010 dark blue
01801169	H05V-K 0,75 RAL 5003 dbu	11,00	7,20	2,30	RAL 5003 dark blue
01801037	X05V-K 0,75 wh/RAL 5015 bu	11,00	7,20	2,30	white/blue
01801036	X05V-K 0,75 rd/wh	11,00	7,20	2,30	red/white
01801033	X05V-K 0,75 RAL 5015 bu/wh	11,00	7,20	2,30	blue/white
01801330	X05V-K 0,75 RAL 5010 dbu/wh	11,00	7,20	2,30	darkblue/white
01801178	X05V-K 0,75 vio/wh	11,00	7,20	2,30	violet/white
01801041	H05V-K 1 RAL 5015 bu	14,00	9,60	2,50	RAL 5015 blue
01801045	H05V-K 1 RAL 5010 dbu	14,00	9,60	2,50	RAL 5010 dark blue
01801044	H05V-K 1 RAL 5003 dbu	14,00	9,60	2,50	RAL 5003 dark blue
01801046	H05V-K 1 RAL 2003 og	14,00	9,60	2,50	orange
01801043	H05V-K 1 rd	14,00	9,60	2,50	red
01801039	H05V-K 1 RAL 9005 bk	14,00	9,60	2,50	black



Industrial PVC-cables - H05V-K/H07V-K/X05V-K/X07V-K

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
01801146	H05V-K 1 bn	14,00	9,60	2,50	brown
01801047	H05V-K 1 ye	14,00	9,60	2,50	yellow
01801048	H05V-K 1 gn	14,00	9,60	2,50	green
01801049	H05V-K 1 gy	14,00	9,60	2,50	grey
01801050	H05V-K 1 vt	14,00	9,60	2,50	violet
01801055	H05V-K 1 transparent	14,00	9,60	2,50	transparent
01801159	H05V-K 1 pk	14,00	9,60	2,50	rose
01801158	H05V-K 1 wh	14,00	9,60	2,50	white
01801040	H05V-K 1 gn/ye	14,00	9,60	2,50	green/yellow
01801160	H05V-K 1 RAL 5002 ultramarin blue	14,00	9,60	2,50	RAL 5002 ultramarine blue
01801296	X05V-K 1 RAL 5010 dbu/wh	14,00	9,60	2,50	darkblue/white
01801054	X05V-K 1 RAL 5015 bu/wh	14,00	9,60	2,50	blue/white
01801052	X05V-K 1 rd/wh	14,00	9,60	2,50	red/white
01801208	X05V-K 1 br/wh	14,00	9,60	2,50	brown/white
01801056	H07V-K 1,5 bk	19,00	14,40	3,00	black
01801057	H07V-K 1,5 gn/ye	19,00	14,40	3,00	green/yellow
01801058	H07V-K 1,5 RAL 5015 bu	19,00	14,40	3,00	RAL 5015 blue
01801061	H07V-K 1,5 RAL 5010 dbu	19,00	14,40	3,00	RAL 5010 dark blue
01801168	H07V-K 1,5 RAL 5003 dbu	19,00	14,40	3,00	RAL 5003 dark blue
01801060	H07V-K 1,5 RAL 5002 ultramarin blue	19,00	14,40	3,00	RAL 5002 ultramarine blue
01801059	H07V-K 1,5 rd	19,00	14,40	3,00	red
01801062	H07V-K 1,5 og	19,00	14,40	3,00	orange
01801063	H07V-K 1,5 bn	19,00	14,40	3,00	brown
01801066	H07V-K 1,5 gy	19,00	14,40	3,00	grey
01801067	H07V-K 1,5 pk	19,00	14,40	3,00	rose
01801068	H07V-K 1,5 vt	19,00	14,40	3,00	violet
01801069	H07V-K 1,5 wh	19,00	14,40	3,00	white
01801265	H07V-K 1,5 transp	19,00	14,40	3,00	transparent
01801065	X07V-K 1,5 gn	19,00	14,40	3,00	green
01801064	X07V-K 1,5 ye	19,00	14,40	3,00	yellow
01801333	X07V-K 1,5 RAL 5010 dbu/wh	19,00	14,40	3,00	darkblue/white



Industrial PVC-cables - H05V-K/H07V-K/X05V-K/X07V-K

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
01801270	X07V-K 1,5 bn/wh	19,00	14,40	3,00	brown/white
01801074	X07V-K 1,5 rd/wh	19,00	14,40	3,00	red/white
01801071	X07V-K 1,5 RAL 5015 bu/wh	19,00	14,40	3,00	blue/white
01801076	H07V-K 2,5 bk	30,00	24,00	3,60	black
01801077	H07V-K 2,5 gn/ye	30,00	24,00	3,60	green/yellow
01801078	H07V-K 2,5 RAL 5015 bu	30,00	24,00	3,60	RAL 5015 blue
01801277	H07V-K 2,5 RAL 5012 bu	30,00	24,00	3,60	RAL 5012 blue
01801081	H07V-K 2,5 RAL 5010 dbu	30,00	24,00	3,60	RAL 5010 dark blue
01801204	H07V-K 2,5 RAL 5003 dbu	30,00	24,00	3,60	RAL 5003 dark blue
01801080	H07V-K 2,5 RAL 5002 ultramarin blue	30,00	24,00	3,60	RAL 5002 ultramarine blue
01801079	H07V-K 2,5 rd	30,00	24,00	3,60	red
01801082	H07V-K 2,5 og	30,00	24,00	3,60	orange
01801083	H07V-K 2,5 bn	30,00	24,00	3,60	brown
01801084	X07V-K 2,5 ye	30,00	24,00	3,60	yellow
01801085	H07V-K 2,5 gy	30,00	24,00	3,60	grey
01801086	H07V-K 2,5vt	30,00	24,00	3,60	violet
01801087	H07V-K 2,5 wh	30,00	24,00	3,60	white
01801161	X07V-K 2,5 gn	30,00	24,00	3,60	green
01801166	X07V-K 2,5 rd/wh	30,00	24,00	3,60	red/white
01801228	X07V-K 2,5 RAL 5015 bu/wh	30,00	24,00	3,60	blue/white
01801311	X07V-K 2,5 RAL 5010 dbu/wh	30,00	24,00	3,60	darkblue/white
01801089	H07V-K 4 bk	45,00	38,00	4,20	black
01801090	H07V-K 4 gn/ye	45,00	38,00	4,20	green/yellow
01801091	H07V-K 4 RAL 5015 bu	45,00	38,00	4,20	RAL 5015 blue
01801154	H07V-K 4 RAL 5010 bu	45,00	38,00	4,20	RAL 5010 dark blue
01801165	H07V-K 4 RAL 5002 ultramarin blue	45,00	38,00	4,20	RAL 5002 ultramarine blue
01801092	H07V-K 4 rd	45,00	38,00	4,20	red
01801148	H07V-K 4 bn	45,00	38,00	4,20	brown
01801149	X07V-K 4 ye	45,00	38,00	4,20	yellow
01801150	X07V-K 4 gn	45,00	38,00	4,20	green
01801151	H07V-K 4 gy	45,00	38,00	4,20	grey



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product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
01801152	H07V-K 4 vt	45,00	38,00	4,20	violet
01801153	H07V-K 4 wh	45,00	38,00	4,20	white
01801177	H07V-K 4 og	45,00	38,00	4,20	orange
01801095	H07V-K 6 k	63,00	58,00	4,80	black
01801096	H07V-K 6 gn/ye	63,00	58,00	4,80	green/yellow
01801097	H07V-K 6 RAL 5015 bu	63,00	58,00	4,80	RAL 5015 blue
01801099	H07V-K 6 RAL 5010 dbu	63,00	58,00	4,80	RAL 5010 dark blue
01801098	H07V-K 6 rd	63,00	58,00	4,80	red
01801100	H07V-K 6 og	63,00	58,00	4,80	orange
01801101	H07V-K 6 bn	63,00	58,00	4,80	brown
01801103	H07V-K 6 gy	63,00	58,00	4,80	grey
01801104	H07V-K 6 vt	63,00	58,00	4,80	violet
01801105	H07V-K 6 wh	63,00	58,00	4,80	white
01801406	H07V-K 6 wh/og	63,00	58,00	4,80	white/orange
01801251	X07V-K 6 ye	63,00	58,00	4,80	yellow
01801332	X07V-K 6 RAL 5015 bu/wh	63,00	58,00	4,80	blue/white
01801108	H07V-K 10 bk	107,00	96,00	6,30	black
01801109	H07V-K 10 gn/ye	107,00	96,00	6,30	green/yellow
01801110	H07V-K 10 RAL 5015 bu	107,00	96,00	6,30	RAL 5015 blue
01801174	H07V-K 10 RAL 5010 bu	107,00	96,00	6,30	RAL 5010 dark blue
01801111	H07V-K 10 rd	107,00	96,00	6,30	red
01801112	H07V-K 10 bn	107,00	96,00	6,30	brown
01801113	H07V-K 10 gy	107,00	96,00	6,30	grey
01801201	H07V-K 10 RAL 5002 ultramarine blue	107,00	96,00	6,30	RAL 5002 ultramarine blue
01801232	H07V-K 10 og	107,00	96,00	6,30	orange
01801239	H07V-K 10 wh	107,00	96,00	6,30	white
01801288	H07V-K 10 vt	107,00	96,00	6,30	violet
01801480	X07V-K 10 ye	107,00	96,00	6,30	yellow
01801115	H07V-K 16 bk	160,00	154,00	7,90	black
01801116	H07V-K 16 gn/ye	160,00	154,00	7,90	green/yellow
01801117	H07V-K 16 RAL 5015 bu	160,00	154,00	7,90	RAL 5015 blue
01801155	H07V-K 16 RAL 5010 dbu	160,00	154,00	7,90	RAL 5010 dark blue



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product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
01801118	H07V-K 16 rd	160,00	154,00	7,90	red
01801119	H07V-K 16 bn	160,00	154,00	7,90	brown
01801120	H07V-K 16 gy	160,00	154,00	7,90	grey
01801205	H07V-K 16 wh	160,00	154,00	7,90	white
01801206	H07V-K 16 vt	160,00	154,00	7,90	violet
01801287	A07V-K 16 gn	160,00	154,00	7,90	green
01801292	H07V-K 16 og	160,00	154,00	7,90	orange
01801302	X07V-K 16 ye	160,00	154,00	7,90	yellow
01801121	H07V-K 25 bk	254,00	240,00	9,90	black
01801122	H07V-K 25 gn/ye	254,00	240,00	9,90	green/yellow
01801123	H07V-K 25 RAL 5015 bu	254,00	240,00	9,90	RAL 5015 blue
01801124	H07V-K 25 d	254,00	240,00	9,90	red
01801175	H07V-K 25 bn	254,00	240,00	9,90	brown
01801233	H07V-K 25 wh	254,00	240,00	9,90	white
01801125	H07V-K 35 bk	340,00	336,00	11,40	black
01801126	H07V-K 35 gn/ye	340,00	336,00	11,40	green/yellow
01801127	H07V-K 35 RAL 5015 bu	340,00	336,00	11,40	RAL 5015 blue
01801278	H07V-K 35 RAL 5010 dbu	340,00	336,00	11,40	RAL 5010 dark blue
01801128	H07V-K 35 rd	340,00	336,00	11,40	red
01801289	H07V-K 35 bn	340,00	336,00	11,40	brown
01801130	H07V-K 50 bk	485,00	480,00	13,30	black
01801131	H07V-K 50 gn/ye	485,00	480,00	13,30	green/yellow
01801132	H07V-K 50 RAL 5015 bu	485,00	480,00	13,30	RAL 5015 blue
01801260	H07V-K 50 bn	485,00	480,00	13,30	brown
01801299	H07V-K 50 rd	485,00	480,00	13,30	red
01801133	H07V-K 70 bk	674,00	672,00	15,20	black
01801134	H07V-K 70 gn/ye	674,00	672,00	15,20	green/yellow
01801162	H07V-K 70 RAL 5015 bu	674,00	672,00	15,20	RAL 5015 blue
01801135	H07V-K 95 bk	922,00	912,00	19,00	black
01801136	H07V-K 95 gn/ye	922,00	912,00	19,00	green/yellow
01801207	H07V-K 95 RAL 5015 bu	922,00	912,00	19,00	RAL 5015 blue
01801524	H07V-K 95 rd	922,00	912,00	19,00	red
01801324	H07V-K 95 bn	922,00	912,00	19,00	brown



Industrial PVC-cables - H05V-K/H07V-K/X05V-K/X07V-K

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
01801137	H07V-K 120 bk	1400,00	1152,00	21,00	black
01801138	H07V-K 120 gn/ye	1400,00	1152,00	21,00	green/yellow
01801532	H07V-K 120 bu RAL5015	1400,00	1152,00	21,00	RAL 5015 blue
01801139	H07V-K 150 bk	1520,00	1440,00	19,70	black
01801140	H07V-K 150 gn/ye	1520,00	1440,00	19,70	green/yellow
01801141	H07V-K 185 bk	2000,00	1776,00	25,00	black
01801142	H07V-K 185 gn/ye	2000,00	1776,00	25,00	green/yellow
01801143	H07V-K 240 bk	2360,00	2304,00	27,00	black
01801144	H07V-K 240 gn/ye	2360,00	2304,00	27,00	green/yellow

