



Industrial PVC-cables - H05V-U/H07V-U  
● flame-retardant IEC 60332-1



### Technical attributes

Standards	DIN EN 50525-2-31 (DIN VDE 0281-3)
Conductor material	Cu, bare
Conductor type	solid
Conductor category	1
Insulation	PVC
Insulation colour	various
Temperature range max.	+70 °C
Short circuit temperature at conductor max.	+160 °C
Nominal voltage U <sub>0</sub> /U	H05... = 300/500 V; H07... = 450/750 V
Minimum bending radius	≤ 8 mm: 4 x cable-Ø; between 8 and 12 mm: 5 x cable-Ø; ≥ 12 mm: 6 x cable-Ø
RoHS-compliant	yes

### Description

Applicable as core cable for installation in dry rooms, control and distribution systems, wiring devices, in pipes, on and under plaster and without pipe suitable on insulators. Suitable for fixed and protected installation in light-emitting devices or interrupt or control devices for voltages up to 1000 V AC or up to 750 V DC to earth (H07V-U).

### Note

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### Product table

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
01802001	H05V-U 0,5 bk	8,00	4,80	2,20	black
01802002	H05V-U 0,5 gn/ye	8,00	4,80	2,20	green/yellow
01802003	H05V-U 0,5 RAL 5015 bu	8,00	4,80	2,20	RAL 5015 blue
01802004	H05V-U 0,5 rd	8,00	4,80	2,20	red
01802005	H05V-U 0,5 bn	8,00	4,80	2,20	brown
01802006	H05V-U 0,5 gy	8,00	4,80	2,20	grey
01802007	H05V-U 0,5 vt	8,00	4,80	2,20	violet
01802008	H05V-U 0,5 wh	8,00	4,80	2,20	white
01802011	H05V-U 0,75 bk	11,00	7,20	2,20	black
01802012	H05V-U 0,75 gn/ye	11,00	7,20	2,20	green/yellow
01802013	H05V-U 0,75 RAL 5015 bu	11,00	7,20	2,20	RAL 5015 blue
01802014	H05V-U 0,75 rd	11,00	7,20	2,20	red
01802015	H05V-U 0,75 og	11,00	7,20	2,20	orange
01802016	H05V-U 0,75 bn	11,00	7,20	2,20	brown



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01802017	H05V-U 0,75 gy	11,00	7,20	2,20	grey
01802018	H05V-U 0,75 Rvt	11,00	7,20	2,20	violet
01802019	H05V-U 0,75 wh	11,00	7,20	2,20	white
01802103	H05V-U 0,75 ye	11,00	7,20	2,20	yellow
01802098	X05V-U 0,75 gn	11,00	7,20	2,20	green
01802022	H05V-U 1 bk	13,00	9,60	2,40	black
01802023	H05V-U 1 gn/ye	13,00	9,60	2,40	green/yellow
01802024	H05V-U 1 RAL 5015 bu	13,00	9,60	2,40	RAL 5015 blue
01802025	H05V-U 1 rd	13,00	9,60	2,40	red
01802026	H05V-U 1 bn	13,00	9,60	2,40	brown
01802029	H05V-U 1 gy	13,00	9,60	2,40	grey
01802090	H05V-U 1 vt	13,00	9,60	2,40	violet
01802091	H05V-U 1 wh	13,00	9,60	2,40	white
01802096	H05V-U 1 og	13,00	9,60	2,40	orange
01802028	X05V-U 1 gn	13,00	9,60	2,40	green
01802032	H07V-U 1,5 bk	19,00	14,40	2,80	black
01802151	H07V-U 1,5 bk	19,00	14,40	2,80	black
01802033	H07V-U 1,5 gn/ye	19,00	14,40	2,80	green/yellow
01802148	H07V-U 1,5 gn/ye	19,00	14,40	2,80	green/yellow
01802034	H07V-U 1,5 RAL 5015 bu	19,00	14,40	2,80	RAL 5015 blue
01802035	H07V-U 1,5 rd	19,00	14,40	2,80	red
01802150	H07V-U 1,5 rd	19,00	14,40	2,80	red
01802036	H07V-U 1,5 og	19,00	14,40	2,80	orange
01802045	H07V-U 1,5 RAL 5010 dbu	19,00	14,40	2,80	RAL 5010 dark blue
01802037	H07V-U 1,5 bn	19,00	14,40	2,80	brown
01802147	H07V-U 1,5 bn	19,00	14,40	2,80	brown
01802040	H07V-U 1,5 gy	19,00	14,40	2,80	grey
01802154	H07V-U 1,5 og	19,00	14,40	2,80	orange
01802041	H07V-U 1,5 vt	19,00	14,40	2,80	violet
01802152	H07V-U 1,5 vt	19,00	14,40	2,80	violet
01802042	H07V-U 1,5 wh	19,00	14,40	2,80	white
01802153	H07V-U 1,5 wh	19,00	14,40	2,80	white
01802046	H07V-U 2,5 bk	31,00	24,00	3,40	black



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01802047	H07V-U 2,5 gn/ye	31,00	24,00	3,40	green/yellow
01802048	H07V-U 2,5 RAL 5015 bu	31,00	24,00	3,40	RAL 5015 blue
01802049	H07V-U 2,5 rd	31,00	24,00	3,40	red
01802050	H07V-U 2,5 bn	31,00	24,00	3,40	brown
01802053	H07V-U 2,5 gy	31,00	24,00	3,40	grey
01802054	H07V-U 2,5 vt	31,00	24,00	3,40	violet
01802055	H07V-U 2,5 wh	31,00	24,00	3,40	white
01802058	H07V-U 4 bk	45,00	38,00	3,90	black
01802059	H07V-U 4 gn/ye	45,00	38,00	3,90	green/yellow
01802060	H07V-U 4 RAL 5015 bu	45,00	38,00	3,90	RAL 5015 blue
01802061	H07V-U 4 rd	45,00	38,00	3,90	red
01802062	H07V-U 4 bn	45,00	38,00	3,90	brown
01802065	H07V-U 4 gy	45,00	38,00	3,90	grey
01802066	H07V-U 4 vt	45,00	38,00	3,90	violet
01802067	H07V-U 4 wh	45,00	38,00	3,90	white
01802070	H07V-U 6 bk	64,00	58,00	4,40	black
01802071	H07V-U 6 gn/ye	64,00	58,00	4,40	green/yellow
01802072	H07V-U 6 RAL 5015 bu	64,00	58,00	4,40	RAL 5015 blue
01802073	H07V-U 6 rd	64,00	58,00	4,40	red
01802074	H07V-U 6 bn	64,00	58,00	4,40	brown
01802075	H07V-U 6 gy	64,00	58,00	4,40	grey
01802078	H07V-U 10 bk	106,00	96,00	5,60	black
01802079	H07V-U 10 gn/ye	106,00	96,00	5,60	green/yellow
01802080	H07V-U 10 RAL 5015 bu	106,00	96,00	5,60	RAL 5015 blue
01802081	H07V-U 10 bn	106,00	96,00	5,60	brown
01802082	H07V-U 10 gy	106,00	96,00	5,60	grey
01802097	H07V-U 10 rd	106,00	96,00	5,60	red
01802111	H07V-U 2,5 og	31,00	24,00	3,40	orange