

Datasheet

Industrial PVC-cables H05VV-F/A05VV-F/X05VV-F

Technical attributes

Standards	DIN VDE 0281- 5
Conductor material	Cu, bare
Conductor type	flexible
Conductor standard	DIN VDE 0295
Conductor category	5
Core insulation	PVC
Core colours	DIN VDE 0293-1
Outer sheath	PVC
Outer sheath colour	black, white or on request
Temperature range min., mobile operation	-10 °C
Temperature range max., mobile operation	+60 °C
Short circuit temperature at conductor max.	+150 °C
Nominal voltage U ₀ /U	300/500 V
Test voltage	2 kV
Minimum bending radius, mobile operation	7,5 x cable-Ø
RoHS-compliant	yes



Description

For use on lightweight hand-held devices with low mechanical stress as well as for connecting light electrical appliances such as kitchen appliances, office equipments and radios. Not suitable for cooking and heating appliances and also not suitable for outdoor use in industrial and agricultural businesses and to connect power tools used.

Note

PVC multi core cable

Product table

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
	H05VV-F 2 x 0,75 bk	52,00	14,40	7,20	RAL 9005 black
	H05VV-F 2 x 0,75 wh RAL 9010	52,00	14,40	7,20	RAL 9010 white
	H05VV-F 2 x 0,75 gy	52,00	14,40	7,20	grey
	H05VV-F 3 G 0,75 bk	62,00	21,60	6,60	RAL 9005 black
	H05VV-F 3 G 0,75 wh RAL 9010	62,00	21,60	6,60	RAL 9010 white
	H05VV-F 3 G 0,75 gy	62,00	21,60	6,60	grey
	H05VV-F 4 G 0,75 bk RAL	75,00	29,00	7,20	RAL 9005 black
	H05VV-F 4 G 0,75 wh RAL 9010	75,00	29,00	7,20	RAL 9010 white

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
	H05VV-F 5 G 0,75 bk	96,00	36,00	8,00	RAL 9005 black
	H05VV-F 5 G 0,75 wh RAL 9010	96,00	36,00	8,00	RAL 9010 white
	H05VV-F 2 x 1 bk	59,00	19,20	6,60	RAL 9005 black
	H05VV-F 2 x 1 wh RAL 9010	59,00	19,20	6,60	RAL 9010 white
	H05VV-F 3 G 1 bk	72,00	29,00	7,00	RAL 9005 black
	H05VV-F 3 G 1 wh RAL 9010	72,00	29,00	7,00	RAL 9010 white
	H05VV-F 3 G 1 bn	72,00	29,00	7,00	brown
	H05VV-F 3 G 1 gy	72,00	29,00	7,00	RAL 9005 black
	H05VV-F 4 G 1 bk	90,00	38,00	7,80	RAL 9005 black
	H05VV-F 4 G 1 wh RAL 9010	90,00	38,00	7,80	RAL 9010 white
	H05VV-F 5 G 1 bk	110,00	48,00	8,60	RAL 9005 black
	H05VV-F 5 G 1 wh RAL 9010	110,00	48,00	8,60	RAL 9010 white
	H05VV-F 2 x 1,5 bk	79,00	29,00	7,70	RAL 9005 black
	H05VV-F 2 x 1,5 wh RAL 9010	79,00	29,00	7,70	RAL 9010 white
	H05VV-F 2 x 1,5 gy	79,00	29,00	7,70	grey
	H05VV-F 3 G 1,5 bk	100,00	43,20	8,40	RAL 9005 black
	H05VV-F 3 G 1,5 wh RAL 9010	100,00	43,20	8,40	RAL 9010 white
	H05VV-F 3 G 1,5 gy	100,00	43,20	8,40	grey
	H05VV-F 3 G 1,5 bn	100,00	43,20	8,40	brown
	H05VV-F 4 G 1,5 bk	126,00	58,00	9,30	RAL 9005 black
	H05VV-F 4 G 1,5 wh RAL 9010	126,00	58,00	9,30	RAL 9010 white
	H05VV-F 4 G 1,5 gy	126,00	58,00	9,30	grey
	H05VV-F 5 G 1,5 wh RAL 9010	157,00	72,00	10,40	RAL 9010 white
	H05VV-F 5 G 1,5 bk	157,00	72,00	10,40	black
	H05VV-F 5 G 1,5 gy	157,00	72,00	10,40	grey
	A05VV-F 7 G 1,5 bk	204,00	101,00	11,50	black
	A05VV-F 7 G 1,5 wh	204,00	101,00	11,50	white
	H05VV-F 2 x 2,5 bk	125,00	48,00	9,30	RAL 9005 black
	H05VV-F 2 x 2,5 wh RAL	125,00	48,00	9,30	RAL 9010 white

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
	H05VV-F 3 G 2,5 bk	150,00	72,00	10,00	RAL 9005 black
	H05VV-F 3 G 2,5 wh RAL 9010	150,00	72,00	10,00	RAL 9010 white
	H05VV-F 4 G 2,5 bk	190,00	96,00	11,00	RAL 9005 black
	H05VV-F 4 G 2,5 wh RAL 9010	190,00	96,00	11,00	RAL 9010 white
	H05VV-F 5 G 2,5 bk	237,00	120,00	12,30	RAL 9005 black
	H05VV-F 5 G 2,5 wh RAL 9010	237,00	120,00	12,30	RAL 9010 white
	A05VV-F 7 G 2,5 bk	299,00	168,00	13,30	black
	A05VV-F 7 G 2,5 wh	299,00	168,00	13,30	white
	H05VV-F 5 G 4 wh	340,00	192,00	14,00	white