



conductor material:	bare copper, fine wire conductors
conductor class:	cl. = finely stranded
insulation:	PVC, T12 to DIN VDE 0293 part 1
core identification:	core colour coded to DIN VDE 0293-308
stranding:	6 and more cores number coded 1x green-yellow earth core incl.
earth-core:	cores stranded in layers with optimal lay-length
outer sheath:	green-yellow earth-core, 3 cores and above
sheath colour:	PVC outer sheath TM2 to DIN VDE 0281 part 1
	black, white or per requirement
rated voltage U₀/U:	300/500 V
	max. permissible operating voltage in three-phase and one-phase a.c. system U ₀ /U 318/550 V in direct current system U ₀ /U 413/825 V
test voltage:	2000 V
breakdown voltage:	min. 4000 V
insulation resistance:	min. 20 MΩ
radiation resistance:	up to 80x10 ⁶ cJ/kg (up to 80 Mrad)
minimum bending radius:	flexing 7,5 x cable Ø
temperature range:	-5°C to +70°C flexible -40°C to +70°C fixed
properties:	PVC self-extinguishing and flame retardant according to VDE 0482-332-1-2, DIN EN 60332-1-2/ IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B), the materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers.
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 outdoors or for use with industrial and farmer machineries, exceptionally in tailoring, etc.

The products and information presented here are for technical calculation only.

They are subject to technical progress and in no way represent the ability of shipment.

Outer diameters are approximately.

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM ²	SHEATH COLOUR	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
420210V	H05VV-F 2 x 1	black	6,8	19,0	57
420210VWS	H05VV-F 2 x 1	white	6,8	19,0	57
420310V	H05VV-F 3 G 1	black	7,2	29,0	73
420310VWS	H05VV-F 3 G 1	white	7,2	29,0	73
420410V	H05VV-F 4 G 1	black	8,0	38,0	85
420410VWS	H05VV-F 4 G 1	white	8,0	38,0	85
420510V	H05VV-F 5 G 1	black	8,8	48,0	105
420510VWS	H05VV-F 5 G 1	white	8,8	48,0	105
420710V	H05VV-F 7 G 1	black	9,8	67,0	131
420710VWS	H05VV-F 7 G 1	white	9,8	67,0	131
420215V	H05VV-F 2 x 1,5	black	7,6	29,0	82
420215VWS	H05VV-F 2 x 1,5	white	7,6	29,0	82
420315V	H05VV-F 3 G 1,5	black	8,2	43,0	95
420315VWS	H05VV-F 3 G 1,5	white	8,2	43,0	95
420415V	H05VV-F 4 G 1,5	black	9,2	58,0	117
420415VWS	H05VV-F 4 G 1,5	white	9,2	58,0	117
420515V	H05VV-F 5 G 1,5	black	9,3	72,0	144
420515VWS	H05VV-F 5 G 1,5	white	9,3	72,0	144
420715V	H05VV-F 7 G 1,5	black	10,8	101,0	183
420715VWS	H05VV-F 7 G 1,5	white	10,8	101,0	183
420325V	H05VV-F 3 G 2,5	black	10,1	72,0	152
420325VWS	H05VV-F 3 G 2,5	white	10,1	72,0	152
420425V	H05VV-F 4 G 2,5	black	11,2	96,0	192
420425VWS	H05VV-F 4 G 2,5	white	11,2	96,0	192
420525V	H05VV-F 5 G 2,5	black	12,4	120,0	243
420525VWS	H05VV-F 5 G 2,5	white	12,4	120,0	243
420725V	H05VV-F 7 G 2,5	black	12,9	168,0	316
420725VWS	H05VV-F 7 G 2,5	white	12,9	168,0	316
420340V	H05VV-F 3 G 4	black	11,3	115,0	235
420340VWS	H05VV-F 3 G 4	white	11,3	115,0	235
420440V	H05VV-F 4 G 4	black	12,5	154,0	300
420440VWS	H05VV-F 4 G 4	white	12,5	154,0	300
420540V	H05VV-F 5 G 4	black	13,7	192,0	361
420540VWS	H05VV-F 5 G 4	white	13,7	192,0	361
420460V	H05VV-F 4 G 6	black	13,9	230,0	490
420460VWS	H05VV-F 4 G 6	white	13,9	230,0	490