

Single Core 105oC 0.6/1KV

Product Code: V-90HT SC



■ APPLICATION

BENKA high temperature PVC insulated cable is suitable for switchboard and control panel wiring, where high temperature occur

Using for installation in factories, devices, switch gear cabinets. It can be laid in conduits on and under plaster, but only for signal and control systems.

The cable is not suitable for direct laying on trays and racks.



Construction	
Conductor	Plain annealed copper conductor to IEC 60228, Class 5 (Fine strands of tinned annealed copper conductor on request)
Insulation	High temperature PVC up to 105oC

Technical Data	
Working Voltage	600/1000V
Test Voltage	3000V
Rated Temperature	-20oC to +105oC
Insulation Resistance	10 MΩ-km (min)
Flexibility Test	No cracking
Flame Retardant	In accordance to IEC 60332-1
Approval & Standard	ROHS
Minimum bending radius	3 x OD (static)

Part No.	Conductor cross-section mm ²	Approx. Cable OD mm	Copper index kg/km	Approx. Cable Weight kg/km
106 0105...	1x0.5	2.54	4.8	11.1
106 0175...	1x0.75	2.75	7.18	14.1
106 0110...	1x1.0	2.8	9.6	17.1
106 0115...	1x1.5	3.26	14.38	23.4
106 0125...	1x2.5	3.67	24	34.4
106 001 040...	1x4.0	4.32	38.43	54.3
106 001 060...	1x6.0	4.92	58.2	87.9
106 001 100...	1x10	6.49	95.8	138
106 001 160...	1x16	8.41	153	231
106 001 250...	1x25	10.18	240	306
106 001 350...	1x35	12.4	338	437
106 001 500...	1x50	13.97	482	588
106 001 700...	1x70	16	672	791
106 001 950...	1x95	18.1	912	1,051
106 001 1200...	1x120	20.52	1,152	1,331
106 001 1500...	1x150	22.22	1,444	1,628
106 001 1850...	1x185	24.21	1,777	1,984
106 001 2400...	1x240	29.53	2,300	2,514

...: Cable color					
00 black	01 blue	02 brown	03 red	04 white	05 grey
06 violet	07 pink	08 orange	09 yellow	10 green	11 green/yellow

Single Core H07V-K 450/750V

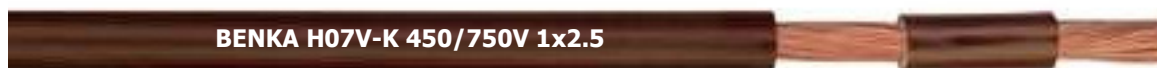
Product Code: H07V-K



■ APPLICATION

BENKA H07V-K with PVC insulated cable is suitable for switchboard and control panel wiring. Using for installation in factories, devices, switch gear cabinets. It can be laid in conduits on and under plaster, but only for signal and control systems.

The cable is not suitable for direct laying on trays and racks.



Construction	
Conductor	Plain annealed copper conductor to IEC 60228, Class 5 (Fine strands of tinned annealed copper conductor on request)
Insulation	PVC Compound

Technical Data	
Working Voltage	H05V-K: 300/500V H07V-K: 450/750V
Test Voltage	2000V
Rated Temperature	-20oC to +70oC
Insulation Resistance	10 MΩ-km (min)
Flexibility Test	No cracking
Flame Retardant	In accordance to IEC 60332-1
Standard & Approval	ROHS
Minimum bending radius	3 x OD (static)

Part No.	Conductor cross-section mm ²	Approx. Cable OD mm	Copper index kg/km	Approx. Cable Weight kg/km
H05V-K				
101 0105...	1x0.5	2.54	4.8	8.1
101 0175...	1x0.75	2.75	7.18	12.1
101 0110...	1x1.0	2.8	9.6	14.1
H07V-K				
101 0115...	1x1.5	3.26	14.38	19.4
101 0125...	1x2.5	3.67	24	32
101 001 040...	1x4.0	4.32	38.43	46
101 001 060...	1x6.0	4.92	58.2	65
101 001 100...	1x10	6.49	95.8	114
101 001 160...	1x16	8.41	153	172
101 001 250...	1x25	10.18	240	258
101 001 350...	1x35	12.4	338	360
101 001 500...	1x50	13.97	482	514
101 001 700...	1x70	16	672	712
101 001 950...	1x95	18.1	912	945
101 001 1200...	1x120	20.52	1,152	1,181
101 001 1500...	1x150	22.22	1,444	1,480
101 001 1850...	1x185	24.21	1,777	1,804
101 001 2400...	1x240	29.53	2,300	2,348

...: Cable color					
00 black	01 blue	02 brown	03 red	04 white	05 grey
06 violet	07 pink	08 orange	09 yellow	10 green	11 green/yellow