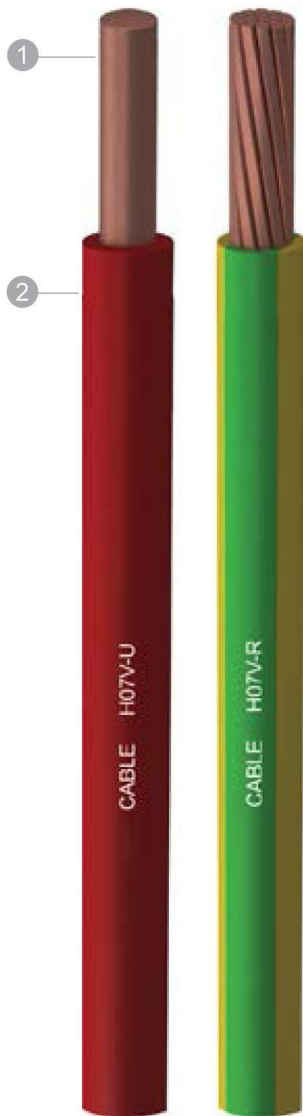


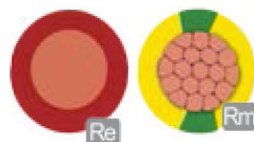
H05V-U / H07V-U H07V-R



1) Solid or Stranded Copper

2) PVC Insulation

Re : Solid Single Round Conductor
Rm : Multi Wire Round Conductor



STANDARD

EN 50525-2-31

TECHNICAL DATA

Permissible operating temperature	: 70 °C
Short circuit temperature	: 160 °C
Test Voltage (AC)	: 2 - 2.5 kV
Installation temperature minimum	: 5 °C
Minimum Bending Radius	: 12xD
Rated Voltage	:05-300/500V 07-450/750V

USAGE AREAS

It is used as surface mounted or flush mounted in stationary plants, dry places, distribution boards and closed spaces, factories, workshops and any kind of workplaces.



Max. Operating temperature



Short circuit temperature



Test Voltage (AC)
2 kV - 2.5 kV



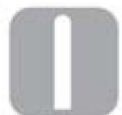
Flame retardant
IEC 60332-1



Lead-free



Stranded



Solid



Installation temperature
min 5°C



Distribution panels



In conduit



Internal wiring

TECHNICAL DATA

H05V-U / H07V-U H07V-R

H05V-U (300/500V)

Rated Cross-section	Overall Diameter of Cable (Approx)	Current Carrying Capacity in Air	Conductor DC Resistance at 20°C	Net Weight (Approx)	Amount of Packing	Packing
mm ²	mm	A	ohm / km	kg / km	m	C: Kangal/Coil R: Makara/Reel
0.5	2	9	36	8.25	100	C 100
0.75	2.15	15	24.5	10.65	100	C 100
1	2.3	19	18.1	13.26	100	C 100

H07V-U (450/750V)

Rated Cross-section	Overall Diameter of Cable (Approx)	Current Carrying Capacity in Air	Conductor DC Resistance at 20°C	Net Weight (Approx)	Amount of Packing	Packing
mm ²	mm	A	ohm / km	kg / km	m	C: Kangal/Coil R: Makara/Reel
1.5	2.70	24	12.1	19.45	100	C 100
2.5	3.30	32	7.41	30.45	100	C 100
4	3.75	42	4.61	44.65	100	C 100
6	4.25	54	3.08	63.2	100	C 100
10	5.45	73	1.83	104.7	100	C 100

H07V-R (450/750V)

Rated Cross-section	Overall Diameter of Cable (Approx)	Current Carrying Capacity in Air	Conductor DC Resistance at 20°C	Net Weight (Approx)	Amount of Packing	Packing
mm ²	mm	A	ohm / km	kg / km	m	C: Kangal/Coil R: Makara/Reel
1.5	2.95	24	12.1	20.3	100	C 100
2.5	3.6	32	7.41	32.1	100	C 100
4	4.1	42	4.61	46.45	100	C 100
6	4.65	54	3.08	64.9	100	C 100
10	5.9	73	1.83	109.1	100	C 100
16	6.85	98	1.15	163.5	100	C 100
25	8.60	129	0.727	253.9	100	C 100
35	9.80	158	0.524	343.1	1000	R 700
50	11.2	197	0.387	463.8	1000	R 800
70	13.10	245	0.268	660.6	1000	R 800
95	15.30	290	0.193	912.9	1000	R 1000
120	16.60	345	0.153	1132	1000	R 1000
150	18.50	390	0.124	1400	1000	R 1100
185	21.05	445	0.0991	1771	1000	R 1200
240	23.90	525	0.0754	2315	1000	R 1300
300	27.50	605	0.0601	2858	1000	R 1400