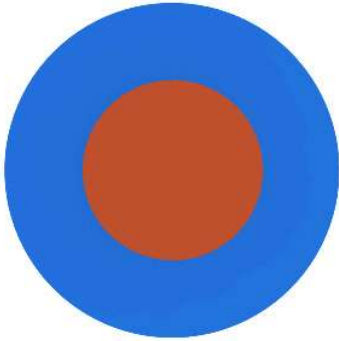


PVC INSULATED, UNSHEATHED SINGLE CORE, COPPER CONDUCTOR CABLES

H05V-U / H07V-U/R

			
H05V-U 300/500 V TS 9758 VDE 0281 H07V-U/R 450/750 V TS 9758 VDE 0258		Structure 1. One or stranded copper conductor 2. PVC isolated	
Technical Information Permissible operating temperature: 70°C Short circuit temperature: 160°C Test Voltage(AC): 2kV - 2.5kV Laying temperature min: -5°C		Place of Use These types of conductors are used in pipes in places where there is no moisture, surface or under plaster. It is suitable for normal and light operating conditions.	

Technical Specifications				
Nominal Cross-Section	Cable Outer Diameter (Approx.)	Current Carrying Capacity		Conductor DC Res
Rated Cross Section	Overall Diameter of Cable (Approx)	Current Carrying Capacity		Conductor DC Resis
mm2	mm	A (Airborne) Air	A (Pipe) Conduit	ohms/km (20°C
H05V-U (300/500V)				
0,5	2,00	12	3	36,0
0,75	2,20	15	6	24,5
1	2,30	19	10	18,1
H07V-U (450/750V)				

1,5	2,80	24	15	12,1
2,5	3,40	32	20	7,41
4	3,80	42	26	4,61
6	4,30	54	34	3,08
10	5,50	73	46	1,83
16	6,50	98	61	1,15
H07V-R (450/750V)				
1,5	3,00	24	15	12,1
2,5	3,60	32	20	7,41
4	4,00	42	26	4,61
6	4,80	54	34	3,08
10	5,90	73	46	1,83
16	6,60	98	61	1,15
25	8,40	129	80	0,727
35	9,40	158	99	0,524
50	10,70	198	119	0,387
70	12,60	245	151	0,268
95	14,80	292	182	0,193
120	16,20	344	210	0,153
150	18,00	391	240	0,124
185	20,20	448	273	0,0991
240	22,90	528	321	0,0754
300	25,60	608	367	0,0601