

CONSTRUCTION

- 1 Copper conductor (class 1-2)
- 2 PVC insulation



SPECIFICATIONS

Code : H05V-U I H07V-U I H07V-R
 Standards : HD 21.3 S3
 VDE 0281-3 I IEC 60227-3 I BS 6004
 Rated Voltage : U_o/U=300/500 V - 450/750 V

Application :
 Used in steady installations and equipment in conduit over and under plaster. Also should be used in dry and closed places.



Temperature Range



Max. Operating Temperature



Short Circuit Temperature



Flame Retardant
IEC 60332 -1-2



Min. Bending Radius



RoHS

PHYSICAL AND ELECTRICAL PROPERTIES

Nominal Cross-section	Overall diameter approx.	Net weight approx.	Delivery length	Conductor DC resistance at 20°C	Current carrying capacity	
					In conduit	In the wall
mm ²	mm	kg/km	m	/ km (max.)	A (30°C)	A (30°C)
1 re	2.3	14	100	18.1	11	14
1.5 re	2.8	20	100	12.1	15	18
2.5 re	3.4	31	100	7.41	20	24
4 re	3.8	46	100	4.61	26	32
6 re	4.3	65	100	3.08	34	41
1.5 rm	3.0	21	100	12.1	15	18
2.5 rm	3.6	33	100	7.41	20	24
4 rm	4.1	48	100	4.61	26	32
6 rm	4.7	68	100	3.08	34	41
10 rm	6.0	112	100	1.83	46	57
16 rm	7.0	168	100	1.15	61	76
25 rm	8.4	258	100	0.727	80	101
35 rm	9.4	350	100	0.524	99	125
50 rm	11.0	480	1000	0.387	119	151
70 rm	12.6	670	1000	0.268	151	192
95 rm	14.6	920	1000	0.193	182	232
120 rm	16.1	1150	1000	0.153	210	269
150 rm	18.0	1430	1000	0.124	240	-
185 rm	20.0	1770	1000	0.0991	273	-
240 rm	22.8	2310	1000	0.0754	320	-