

**H05V-R 300/500 V & H07V-R/6491  
X/NYA 450/750 V  
H05V-R&H07V-R&NYA(Stranded 2 CU PVC)**



**Electric Wire for Installation**

**Application**

The products are suitable for installation indoors, in cable ducts and in industrial plants or switching stations, under ground installation.

**HD 21.3/BS 6004/DIN VDE0281-3**

Conductor: Class 2 Copper  
Insulation: PVC

Section mm <sup>2</sup>	Class of Conductor	Insulation Thickness mm	Overall Diameter mm	Cable Weight kg/km	Electrical Resistance DC.20C Ω/km
H05V-R 300/500V					
0.75	2	0.6	2.2	11	24.5
1	2	0.6	2.6	14	18.1
H07V R/6491X/NYA 450/750V					
1.5	2	0.7	3.3	20	12.1
2.5	2	0.8	4.0	32	7.41
4	2	0.8	4.6	47	4.61
6	2	0.8	5.2	66	3.08
10	2	1.0	6.7	113	1.83
16	2	1.0	7.8	170	1.15
25	2	1.2	9.7	267	0.727
35	2	1.2	10.9	361	0.524
50	2	1.4	12.8	490	0.387
70	2	1.4	14.6	690	0.268
95	2	1.6	17.1	954	0.193
120	2	1.6	18.8	1190	0.153
150	2	1.8	20.9	1464	0.124
185	2	2.0	23.3	1835	0.0991
240	2	2.2	26.6	2402	0.0754
300	2	2.4	29.6	3005	0.0601
400	2	2.6	33.2	3828	0.0470