

H07V-R (6491X) PVC



Stranded plain annealed compacted circular copper conductor, PVC outer sheath. Manufactured to EN 50525-2-31, BS 6004:2012. 450/750 volts grade to BS EN 50525-2-3. Flame propagation to BS EN 50265-2-1, IEC 60332-1-2.



Specifications

Temperature limits.....-15 °C to +50 °C
Max. temperature of conductor.....+70 °C
Short-circuit temperature.....+150 °C
Bending radius.....5 x overall diameter
Standard colors available: Green/Yellow, Blue, Red, Brown, Black, Green, Yellow, Violet.
Other colors are available according to customer requirements

We reserve the right to make technical alterations and misprint without prior notice.

ECG Code	Conductor Size, (mm ²)	Stranding*	Overall Diameter (mm) approx.	Cu Weight (Kg/km) approx.	Cable Weight (Kg/km) approx.
H07VR1/5	1.5	7/0.5	2.9	12.9	18.9
H07VR2/5	2.5	13/0.5	3.6	20.9	29.3
H07VR4	4	20/0.5	4.1	33.8	43.8
H07VR6	6	30/0.5	4.8	50.9	62.5
H07VR10	10	7/1.34	6.1	84.1	103
H07VR16	16	7/1.67	7.01	138	166
H07VR25	25	7/2.09	8.67	216	257
H07VR35	35	7/2.46	9.78	299	347
H07VR50	50	19/1.78	11.8	412	479
H07VR70	70	19/2.14	13.4	591	669
H07VR95	95	19/2.49	15.65	814	920
H07VR120	120	37/2,03	17.2	1030	1130
H07VR150	150	37/2.21	19.07	1249	1395
H07VR185	185	37/2.46	21.22	1532	1712
H07VR240	240	37/2.82	24.14	2034	2260
H07VR300	300	37/3.2	27.2	2593	2872
H07VR400	400	61/2.87	31.0	3438	3785
H07VR500	500	61/3.2	34.4	4275	4689
H07VR625	625	91/2.91	37.6	5273	5730
H07VR800	800	91/3.3	40.8	6377	6875
H07VR1000	1000	127/3.15	46.8	8571	9187

**The number of wires, as well as their diameter in the core, may differ from specified, subject to compliance with the requirements for electrical resistance.*