

H07V-R



H07V-R is a harmonized PVC European single-conductor hook-up wire with a class 2 strand. Ideal for the internal wiring of appliances and apparatus. Intended for use in semi-flush exposed conduits and embedded conduits as well as in closed installations ducts. Can be used in switchboards and distributor boards or where a thicker strand of multi-wire is required. Found in electronic and electrical equipment and switchgear cabinets designed for export to a European country and for MRO replacement of European made equipment wire.



Construction:

- Bare copper strands
- Strands to VDE-0295 Class-2, IEC 60228 Cl-2
- Special PVC core insulation
- Cores to VDE-0293 colors on chart

Technical:

- Working voltage: 450/750 volts
- Test voltage: 2500 volts
- Flexing bending radius: 15 x Ø
- Static bending radius: 15 x Ø
- Flexing temp: -5° C to +70° C
- Static temp: -30° C to +80° C
- Flame retardant: IEC 60332.1
- Insulation resistance: 10 MΩ x km

Approvals:

- <HAR> HD 21.3 S3
- VDE-0281 Part-3
- CE Low Voltage Directive 73/23/EEC and 93/68/EEC
- ROHS compliant

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
6 AWG (7/14) 16,0mm ² 30106**	1	.307" / 7.8mm	103	117
4 AWG (7/12) 25,0mm ² 30104**	1	.382" / 9.7mm	161	184
2 AWG (7/10) 35,0mm ² 30102**	1	.429" / 10.9mm	225	248
1 AWG (19/13) 50,0mm ² 30101**	1	.504" / 12.8mm	322	335
2/0 AWG (19/11) 70,0mm ² 30121**	1	.575" / 14.6mm	451	476
3/0 AWG (19/10) 95,0mm ² 30131**	1	.673" / 17.1mm	612	651
4/0 AWG (37/12) 120,0mm ² 30141**	1	.740" / 18.8mm	773	805
300 MCM (37/11) 150,0mm ² 30130**	1	.823" / 20.9mm	966	986
350 MCM (37/10) 185,0mm ² 30135**	1	.917" / 23.3mm	1191	1245
500 MCM (61/11) 240,0mm ² 30150**	1	1.050" / 26.6mm	1545	1612

Color Code Chart

- 00 - Green/Yellow
- 01 - Black
- 02 - Blue (RAL5015)
- 03 - Brown
- 04 - Red
- 05 - White
- 06 - Gray
- 07 - Violet

Insert a 2-digit color code from the Color Code Chart for the ** found at the end of the proper part number.
i.e. 3012100 - H07V-R, 2/0 AWG (70,0mm²) Green/Yellow

* Additional AWG sizes & colors are available.