

## H07V-U

European <HAR> cable type certification

H07V-U, HAR, power and control cable, PVC, 450/750V, wiring of devices and control cabinets, flame-retardant, class 1/ massive wire, fixed installation, ring

### Info

CPR: Article number choice under [www.lappkabel.com/cpr](http://www.lappkabel.com/cpr)

<HAR>

Lengths suitable for TRONIC single core modules



### Benefits

Cables' <HAR>marking also stands for the international endorsement of national certification institutes' testing marks and certificates, e. g. <VDE><HAR>. The <HAR>marking is of special importance in case of goods traffic between European countries.

### Application range

Laying in tubes, exposed or buried in plaster, and in closed installation ducts

For direct laying on racks, troughs and tubes only as potential equalisation conductor

### Product features

Flame-retardant according IEC 60332-1-2

### Norm references / Approvals

<HAR> cable type certification acc. EN 50525-2-31

No cable type certified core insulation colours according to EN 50525-1/ VDE 0285-525-1: transparent, green (single colour), yellow (single colour), all double colours (except of green-yellow and yellow-green)

### Product Make-up

Solid bare copper conductor

Core insulation: Based on PVC

### Technical Data

Classification ETIM 5:

ETIM 5.0 Class-ID: EC000993

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02\_03.16

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Classification ETIM 6:	ETIM 5.0 Class-Description: Single core cable ETIM 6.0 Class-ID: EC000993 ETIM 6.0 Class-Description: Single core cable
Conductor stranding:	Massive conductor according to VDE 0295 Class 1/ IEC 60228 Class 1
Minimum bending radius:	According to EN 50565-1 Fixed installation: 4 x outer diameter
Nominal voltage:	U0/U: 450/750 V
Test voltage:	2500 V
Current rating:	VDE 0298 Part 4 EN 50565-1/ VDE 0298-565-1
Temperature range:	Fixed installation: -40 °C to +80 °C

### Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

Packaging size: Coil ≤ 30 kg, otherwise drum

\* Trade product, no Lapp product

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Prices are net prices without VAT and surcharges. Sale to business customers only.

\*for conventional use, \*\*for careful bending; "OD" = outer diameter

## H07V-U

Article number	Core colour	Conductor cross-section (mm <sup>2</sup> )	Outer diameter [mm]	m/ring	Copper index (kg/km)	Weight (kg/km)
4527001	green/yellow	1.5	2.6 - 3.2	100	14.4	19
4527011	black	1.5	2.6 - 3.2	100	14.4	19
4527021	blue	1.5	2.6 - 3.2	100	14.4	19
4527031	brown	1.5	2.6 - 3.2	100	14.4	19
4527111	yellow	1.5	2.6 - 3.2	100	15	19
4527121	green	1.5	2.6 - 3.2	100	15	19
4527071	violet	1.5	2.6 - 3.2	100	15	19
4527041	red	1.5	2.6 - 3.2	100	15	19
4527051	white	1.5	2.6 - 3.2	100	15	19
4527061	grey	1.5	2.6 - 3.2	100	15	19
4527091	orange	1.5	2.6 - 3.2	100	15	19
4527002	green/yellow	2.5	3.2 - 3.9	100	24	30
4527012	black	2.5	3.2 - 3.2	100	24	30
4527022	blue	2.5	3.2 - 3.9	100	24	30
4527032	brown	2.5	3.2 - 3.9	100	24	30
4527112	yellow	2.5	3.2 - 3.9	100	24	30
4527122	green	2.5	3.2 - 3.9	100	24	30
4527072	violet	2.5	3.2 - 2.6	100	24	30
4527042	red	2.5	3.2 - 3.9	100	25	30
4527052	white	2.5	3.2 - 3.9	100	25	30
4527062	grey	2.5	3.2 - 3.9	100	25	30
4527092	orange	2.5	3.2 - 3.9	100	24	30
4527003	green/yellow	4.0	3.6 - 4.4	100	40	44
4527033	brown	4.0	3.6 - 4.4	100	38.4	44
4527023	blue	4.0	3.6 - 4.4	100	40	44
4527013	black	4.0	3.6 - 4.4	100	40	44
4527113	yellow	4.0	3.6 - 4.4	100	40	44
4527125	green	4.0	3.6 - 4.4	100	38.4	44
4527073	violet	4.0	3.6 - 4.4	100	38.4	44
4527043	red	4.0	3.6 - 4.4	100	40	44
4527053	white	4.0	3.6 - 4.4	100	38.4	44
4527063	grey	4.0	3.6 - 4.4	100	38.4	44
4527093	orange	4.0	3.6 - 4.4	100	38.4	44
4527004	green/yellow	6.0	4.1 - 5.0	100	60	63

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Article number	Core colour	Conductor cross-section (mm <sup>2</sup> )	Outer diameter [mm]	m/ring	Copper index (kg/km)	Weight (kg/km)
4527014	black	6.0	4.1 - 5.0	100	58	63
4527024	blue	6.0	4.1 - 5.0	100	60	63
4527034	brown	6.0	4.1 - 5.0	100	58	63
4527114	yellow	6.0	4.1 - 5.0	100	57.6	63
4527126	green	6.0	4.1 - 5.0	100	57.6	63
4527074	violet	6.0	4.1 - 5.0	100	58	63
4527044	red	6.0	4.1 - 5.0	100	60	63
4527054	white	6.0	4.1 - 5.0	100	57.6	63
4527064	grey	6.0	4.1 - 5.0	100	57.6	63
4527094	orange	6.0	4.1 - 5.0	100	57.6	63
4527001X	green/yellow	1.5	2.6 - 3.2	350	14.4	19
4527011X	black	1.5	2.6 - 3.2	350	14.4	19
4527021X	blue	1.5	2.6 - 3.2	350	14.4	19
4527031X	brown	1.5	2.6 - 3.2	350	14.4	19
4527061X	grey	1.5	2.6 - 3.2	350	14.4	19
4527071X	violet	1.5	2.6 - 3.2	350	14.4	19
4527041X	red	1.5	2.6 - 3.2	350	14.4	19
4527051X	white	1.5	2.6 - 3.2	350	14.4	19
4527002X	green/yellow	2.5	3.2 - 3.9	200	24	30
4527012X	black	2.5	3.2 - 3.9	200	24	30
4527022X	blue	2.5	3.2 - 3.9	200	24	30
4527032X	brown	2.5	3.2 - 3.9	200	24	30
4527072X	violet	2.5	3.2 - 3.9	200	24	30
4527042X	red	2.5	3.2 - 3.9	200	24	30
4527052X	white	2.5	3.2 - 3.9	200	24	30
4527062X	grey	2.5	3.2 - 3.9	200	24	30

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