

# Lutze Single Conductor Hook Up Wire, Multi-Norm

Flexible Single Conductor Hook Up Wire with UL/CSA/CE/MTW and HAR Approvals

HAR/UL/CSA/CE/MTW



## Application

- Multi-rated single-conductor cable for wiring of cabinets and use in electrical and electronic equipment
- Specially suited for use in Europe (HAR) and North America (UL MTW + CSA TEW)
- MTW rating compliant with **NFPA 79** for machine tool wiring

## Characteristics

- Fine stranding class 5, per VDE 0295
- Very flexible for easy installation

## Technical Data

Nominal voltage	H05V2-K 300/500 V, H07V2-K 450/750 V, UL 600 V, style 1015
Test voltage	3000V
Bending radius	Fixed: 5 x cable OD
Temperature	Flexible -5 to +105°C Fixed -40 to + 105°C H05/H07 up to +90°C
Conductor stranding	Fine wire, tinned copper per VDE 0295 class 5, IEC 60228 class 5
Insulation resistance	20 MΩ x km
Approvals	HAR: HD 21.3 S3 - H05V-K (≤ AWG 18) - H07V-K (≥ AWG 16) UL 1063 MTW Listed UL AWM 1015 CSA TEW RoHS compliant
Put ups	<b>AWG 19 – AWG 12</b> 100m (328 ft) carton or ring 500m (1,640 ft) reel upon request <b>AWG 10 and larger</b> Cuts of any length up to 1,000m (3,280 ft) reel

## Construction

- Flexible stranded tinned copper conductors
- PVC insulation according to UL 1581, class 43 heat and humidity resistant
- Flame retardant and self extinguishing per UL VW-1, IEC 60332-1
- Free from silicone and other varnish damaging substances
- RoHS compliant
- Conditionally resistant to oils, solvents, acids and bases

**More colors and sizes upon request. Please call us for information!**

Part No.	Description Color	OD - Ø ca. mm	OD - Ø inches	Weight Lbs/Mft	Copper Lbs/Mft
<b>AWG 19 / 0.75 mm<sup>2</sup></b>					
<b>H05V2-K</b>					
A61900	Green/Yellow	2.7	0.106	9	5
A61901	Black	2.7	0.106	9	5
A61902	Blue	2.7	0.106	9	5
A61903	Brown	2.7	0.106	9	5
A61904	Red	2.7	0.106	9	5
A61914	Dark Blue	2.7	0.106	9	5
<b>AWG 18 / 1.0 mm<sup>2</sup></b>					
<b>H05V2-K</b>					
A61800	Green/Yellow	2.9	0.114	10	6
A61801	Black	2.9	0.114	10	6
A61802	Blue	2.9	0.114	10	6
A61803	Brown	2.9	0.114	10	6
A61804	Red	2.9	0.114	10	6
A61814	Dark Blue	2.9	0.114	10	6
A61844	White/Blue	2.9	0.114	10	6
<b>AWG 16 / 1.5 mm<sup>2</sup></b>					
<b>H07V2-K</b>					
A61600	Green/Yellow	3.3	0.130	14	10
A61601	Black	3.3	0.130	14	10
A61602	Blue	3.3	0.130	14	10
A61603	Brown	3.3	0.130	14	10
A61604	Red	3.3	0.130	14	10
A61605	White	3.3	0.130	14	10
A61614	Dark Blue	3.3	0.130	14	10
A61615	Blue/White	3.3	0.130	14	10
A61644	White/Blue	3.3	0.130	14	10
<b>AWG 14 / 2.5 mm<sup>2</sup></b>					
<b>H07V2-K</b>					
A61400	Green/Yellow	3.7	0.145	21	16
A61401	Black	3.7	0.145	21	16
A61402	Blue	3.7	0.145	21	16
A61403	Brown	3.7	0.145	21	16
A61404	Red	3.7	0.145	21	16
A61405	White	3.7	0.145	21	16
A61414	Dark Blue	3.7	0.145	21	16
<b>AWG 12 / 4.0 mm<sup>2</sup></b>					
<b>H07V2-K</b>					
A61200	Green/Yellow	4.3	0.169	31	25
A61201	Black	4.3	0.169	31	25
<b>AWG 10/ 6.0 mm<sup>2</sup></b>					
<b>H07V2-K</b>					
A61000	Green/Yellow	4.8	0.189	44	39
A61001	Black	4.8	0.189	44	39
<b>AWG 8 / 10 mm<sup>2</sup></b>					
<b>H07V2-K</b>					
A60800	Green/Yellow	6.8	0.267	76	64
A60801	Black	6.8	0.267	76	64

Specifications are subject to change without prior notice

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<b>AWG 6 / 16 mm<sup>2</sup> X07V2-K</b>					
<b>A60600</b>	Green/Yellow	8.6	0.338	126	103
<b>A60601</b>	Black	8.6	0.338	126	103
<b>AWG 4 / 25 mm<sup>2</sup> H07V2-K</b>					
<b>A60400</b>	Green/Yellow	10	0.394	180	161
<b>A60401</b>	Black	10	0.394	180	161
<b>AWG 2 / 35 mm<sup>2</sup> H07V2-K</b>					
<b>A60200</b>	Green/Yellow	11	0.433	247	225
<b>A60201</b>	Black	11	0.433	247	225
<b>AWG 1 / 50 mm<sup>2</sup> X07V2-K</b>					
<b>A60100</b>	Green/Yellow	14	0.511	347	322
<b>A60101</b>	Black	14	0.511	347	322
<b>AWG 2/0 / 70 mm<sup>2</sup> X07V2-K</b>					
<b>A67000</b>	Green/Yellow	15.6	0.614	475	452
<b>A67001</b>	Black	15.6	0.614	475	452
<b>AWG 3/0 / 95 mm<sup>2</sup> X07V2-K</b>					
<b>A69500</b>	Green/Yellow	17.8	0.701	629	613
<b>A69501</b>	Black	17.8	0.701	629	613