

LUTZE Single Conductor Hook Up Wire, Multi-Norm

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



Application

- Multi-rated single-conductor cable for wiring of cabinets and use in electrical and electronic equipment
- Suited for use in Europe (HAR) and North America (UL MTW)
- MTW for machine tool wiring

Characteristics

- Fine stranding class 5, per VDE 0295
- Very flexible for easy installation
- Talc and silicone free

Technical Data

Voltage	H05V2-K 300/500V, H07V2-K 450/750V, 600V MTW
Test voltage	600V 105C AWM 3000V
Bending radius min	Fixed: 5 x cable OD
Temperature range	Flexible -5°C - +105°C Fixed -40°C - + 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	20MΩ x km
Burning behavior	Flame retardant per UL VW-1, IEC 60332-1
Approvals	HAR: HD 21.3 S3 - H05V-K (≤ AWG 18) - H07V-K (≥ AWG 16) UL 1063 MTW Listed UL AWM 1015 RoHS, REACH
Put ups	AWG 19 – AWG 12 100m (328ft) carton or ring 500m (1,640ft) reel upon request AWG 10 and larger Cuts of any length up to 1,000m (3,280ft) reel

Construction

- Metric conductor
- Flexible stranded tinned copper conductors
- PVC insulation according to UL 1581, class 43 heat and humidity resistant
- Conditionally resistant to oils, solvents, acids and bases

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

Specifications are subject to change without prior notice

Part No.	Description Color	OD / Ø ca. mm	OD / Ø inches	Weight Lbs/Mft	Copper Lbs/Mft
AWG 19 / 0.75 mm²					
H05V2-K					
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
AWG 18 / 1.0 mm²					
H05V2-K					
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
AWG 16 / 1.5 mm²					
H07V2-K					
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
A61609	Orange	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
AWG 14 / 2.5 mm²					
H07V2-K					
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
AWG 12 / 4.0 mm²					
H07V2-K					
A61200	Green/Yellow	4.3	0.169	31	25
A61201	Black	4.3	0.169	31	25
AWG 10/ 6.0 mm²					
H07V2-K					
A61000	Green/Yellow	4.8	0.189	44	39
A61001	Black	4.8	0.189	44	39
AWG 8 / 10 mm²					
H07V2-K					
A60800	Green/Yellow	6.8	0.267	76	64
A60801	Black	6.8	0.267	76	64

LUTZE Single Conductor Hook Up Wire, Multi-Norm

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



Application

- Multi-rated single-conductor cable for wiring of cabinets and use in electrical and electronic equipment
- Suited for use in Europe (HAR) and North America (UL MTW)
- MTW for machine tool wiring

Characteristics

- Fine stranding class 5, per VDE 0295
- Very flexible for easy installation
- Talc and silicone free

Technical Data

Voltage	H05V2-K 300/500 V, H07V2-K 450/750 V, 600V 90C MTW 600V 105C AWM
Test voltage	3000V
Bending radius min	Fixed: 5 x cable OD
Temperature range	Flexible -5°C - +105°C Fixed -40°C - + 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	20MΩ x km
Burning behavior	Flame retardant per UL VW-1, IEC 60332-1
Approvals	HAR: HD 21.3 S3 - H05V-K (≤ AWG 18) - H07V-K (≥ AWG 16) UL 1063 MTW Listed UL AWM 1015 RoHS, REACH
Put ups	AWG 19 – AWG 12 100m (328ft) carton or ring 500m (1,640ft) reel upon request AWG 10 and larger Cuts of any length up to 1,000m (3,280ft) reel

Construction

- Metric conductor
- Flexible stranded tinned copper conductors
- PVC insulation according to UL 1581, class 43 heat and humidity resistant
- Conditionally resistant to oils, solvents, acids and bases

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

Specifications are subject to change without prior notice

Part No.	Description Color	OD / Ø ca. mm	OD / Ø inches	Weight Lbs/Mft	Copper Lbs/Mft
AWG 6 / 16 mm²					
X07V2-K					
A60600	Green/Yellow	8.6	0.338	126	103
A60601	Black	8.6	0.338	126	103
AWG 4 / 25 mm²					
H07V2-K					
A60400	Green/Yellow	10.0	0.394	180	161
A60401	Black	10.0	0.394	180	161
AWG 2 / 35 mm²					
H07V2-K					
A60200	Green/Yellow	11.0	0.433	247	225
A60201	Black	11.0	0.433	247	225
AWG 1 / 50 mm²					
X07V2-K					
A60100	Green/Yellow	14.0	0.551	347	322
A60101	Black	14.0	0.551	347	322
AWG 2/0 / 70 mm²					
X07V2-K					
A67000	Green/Yellow	15.6	0.614	475	452
A67001	Black	15.6	0.614	475	452
AWG 3/0 / 95 mm²					
X07V2-K					
A69500	Green/Yellow	17.8	0.701	629	613
A69501	Black	17.8	0.701	629	613