

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
- Specially suited for use in Europe (HAR) and North America (UL MTW)
- MTW rating compliant with **NFPA 79** for machine tool wiring

Characteristics

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

Technical Data

Nominal voltage	H05V2-K 300/500 V, H07V2-K 450/750 V, UL 600V, style 1015
Test voltage	3000V
Bending radius	Fixed: 5 x cable OD
Temperature	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 (328 ft) carton or ring 500m (1,640 ft) reel upon request AWG 10 and larger Cuts of any length up to 1,000m (3,280ft) reel

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

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 call us for information!

Specifications are subject to change without prior notice