

Wires

Prices see shop.griederbauteile.ch

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Bare Hook-Up Wire

Material: copper

Order No	Order No	Ø	Current max	Surface
10m-Ring	100m-Reel			
KAA.03	KAA.03FR	0.3mm	1.5A	tin plated
KAA.05	KAA.05FR	0.5mm	2A	silver plated
KAA.06	KAA.06FR	0.6mm	2.5A	
KAA.08	KAA.08FR	0.8mm	3A	
Order No	Order No	Ø	Current max	Surface
5m-Ring	50m-Spule/Ring			
KAA.10	KAA.10FR	1mm	4A	silver plated
KAA.12	KAA.12FR	1.2mm	6A	
KAA.15	KAA.15FR	1.5mm	10A	
Order No	Order No	Ø	Current max	Surface
5m-Ring	20m-Ring	2mm	17A	silver plated



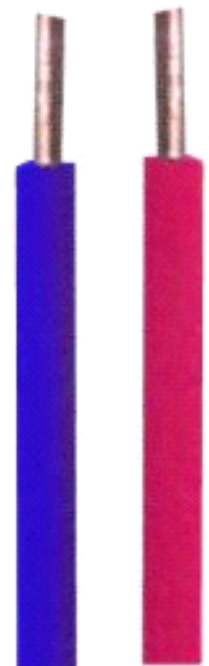
Larger amounts (kg) available on order.



Insulated Hook-Up Wire 0.5mm H05V-U (YV)

Conductor: solid copper wire tin plated
 Insulation: PVC
 Temperature range: -5°C to +70°C
 Voltage: 300V/500V
 RoHS compliant: yes

Order No	Order No	Inner Ø	Outer Ø	Current	Colour
10m-Ring	100m-Rolle				
KAR.0	KAR.0FR	0.5mm	1.1mm	2A	Black
KAR.1	KAR.1FR				Brown
KAR.2	KAR.2FR				Red
KAR.3	KAR.3FR				Orange
KAR.4	KAR.4FR				Yellow
KAR.5	KAR.5FR				Green
KAR.6	KAR.6FR				Blue
KAR.7	KAR.7FR				Purple
KAR.8	KAR.8FR				Grey
KAR.9	KAR.9FR				



Insulated Hook-Up Wire 0.8mm H05V-U (YV)

Conductor: solid copper wire tin plated
 Insulation: PVC
 Temperature range: -5°C to +70°C
 Voltage: 300V/500V
 RoHS compliant: yes

Best.Nr.	Best.Nr.	Innen Ø	Aussen Ø	Strom	Farbe
10m-Ring	100m-Rolle				
KAS.0	KAS.0FR	0.8mm	1.6mm	3A	Black
KAS.1	KAS.1FR				Brown
KAS.2	KAS.2FR				Red
KAS.3	KAS.3FR				Orange
KAS.4	KAS.4FR				Yellow
KAS.5	KAS.5FR				Green
KAS.6	KAS.6FR				Blue
KAS.7	KAS.7FR				Purple
KAS.8	KAS.8FR				Grey
KAS.9	KAS.9FR				
KAS.S2	Assortment with 2m of each colour				



Enamelled Solid Copper Wire → on Reels



Order No	Order No	Order No	Order No	Order No	Ø bare mm	Ø enamelled mm	mm ²	Resistance Ω/m
200m-Reel	500m-Reel	1000m-Reel	1500m-Reel	2000m-Reel				
KES.004.2	KES.004.4	KES.004.5	KES.004.6	KES.004.9	0.04	0.053	0.00126	14
KES.006.2	KES.006.4	KES.006.5	KES.006.6	KES.006.9	0.06	0.075	0.00283	6.21
KES.008.2	KES.008.4	KES.008.5	KES.008.6	KES.008.9	0.08	0.97	0.00503	3.49
KES.010.2	KES.010.4	KES.010.5	KES.010.6	KES.010.9	0.10	0.119	0.00785	2.23
KES.012.2	KES.012.4	KES.012.5	KES.012.6	KES.012.9	0.12	0.141	0.01131	1.55
Order No	Order No	Order No	Order No	Order No	Ø bare mm	Ø enamelled mm	mm ²	Resistance Ω/m
100m-Reel	200m-Reel	350m-Reel	500m-Reel	1000m-Reel				
KES.015.2	KES.015.4	KES.015.5	KES.015.6	KES.015.9	0.15	0.174	0.01767	0.99
KES.020.2	KES.020.4	KES.020.5	KES.020.6	KES.020.9	0.20	0.229	0.03142	0.56
Order No	Order No	Order No	Order No	Order No	Ø bare mm	Ø enamelled mm	mm ²	Resistance Ω/m
50m-Reel	100m-Reel	200m-Reel	500m-Reel	750m-Reel				
KES.025.2	KES.025.4	KES.025.5	KES.025.6	KES.025.9	0.25	0.284	0.04909	0.357
KES.030.2	KES.030.4	KES.030.5	KES.030.6	KES.030.9	0.30	0.339	0.07069	0.248
Order No	Order No	Order No	Order No	Order No	Ø bare mm	Ø enamelled mm	mm ²	Resistance Ω/m
20m-Reel	50m-Reel	100m-Reel	200m-Reel	350m-Reel				
KES.040.2	KES.040.4	KES.040.5	KES.040.6	KES.040.9	0.40	0.446	0.1257	0.14
KES.050.2	KES.050.4	KES.050.5	KES.050.6	KES.050.9	0.50	0.552	0.1964	0.089
Order No	Order No	Order No	Order No	Order No	Ø bare mm	Ø enamelled mm	mm ²	Resistance Ω/m
10m-Reel	20m-Reel	50m-Reel	100m-Reel	150m-Reel				
KES.060.2	KES.060.4	KES.060.5	KES.060.6	KES.060.9	0.60	0.657	0.2827	0.062
Order No	Order No	Order No	Order No	Order No	Ø bare mm	Ø enamelled mm	mm ²	Resistance Ω/m
10m-Reel	20m-Reel	50m-Reel	75m-Reel	100m-Reel				
KES.080.2	KES.080.4	KES.080.5	KES.080.6	KES.080.9	0.80	0.8864	0.5027	0.0349

Enamelled Solid Copper Wire → by the meter

Order No	Ø bare mm	Ø enamelled mm	mm ²	Resistance Ω/m
KES.120	1.2	1.31	1.131	0.0155
KES.150	1.5	1.62	1.767	0.0099
KES.200	2	2.13	3.142	0.0056

The prices per kg are only applicable if a whole factory reel is bought. The prices for copper continues to change.

Resistance Wire

Description: naked, soft, similar to constantan
 Alloy: 54% Cu, 45% Ni, 1% Mn
 Solderability: good (soft or hard soldering)

Specific electrical resistance at 20°C: 0.49Ω (mm²/m)
 Temperature coefficient of resistance (TCR): ±40ppm
 Thermal EMF against copper between 0 to 100°: -42µV/K
 Working temperature max: +600°C



Order No	Ø	Length	Ω/m	Max Workload in A			
				Plugged		Spool	
				200°C	400°C	200°C	400°C
KEK.01	0.1mm	10m-Spule	62.50	0.25	0.52		
KEK.02	0.2mm	10m-Ring	15.60	0.61	1.25		
KEK.03	0.3mm	10m-Ring	6.93	1.57	2.64	1.10	1.85
KEK.05	0.5mm	10m-Ring	2.50	2.14	4.33	1.46	2.52
KEK.06	0.6mm	10m-Ring	1.74	2.75	5.65	1.90	3.24
KEK.08	0.8mm	10m-Ring	0.98	4.06	8.22	2.86	4.79
KEK.10	1mm	5m-Ring	0.63	5.45	11.15	3.90	6.60
KEK.20	2mm	5m-Ring	0.16	16.80	28.30	11.80	19.80
Insulated Resistance Wire (Solderability: only possible after removal of the oxide layer, both soft and brazing)							
KEK.20.O	2mm	5m-Ring	0.16	16.80	28.30	11.80	19.80