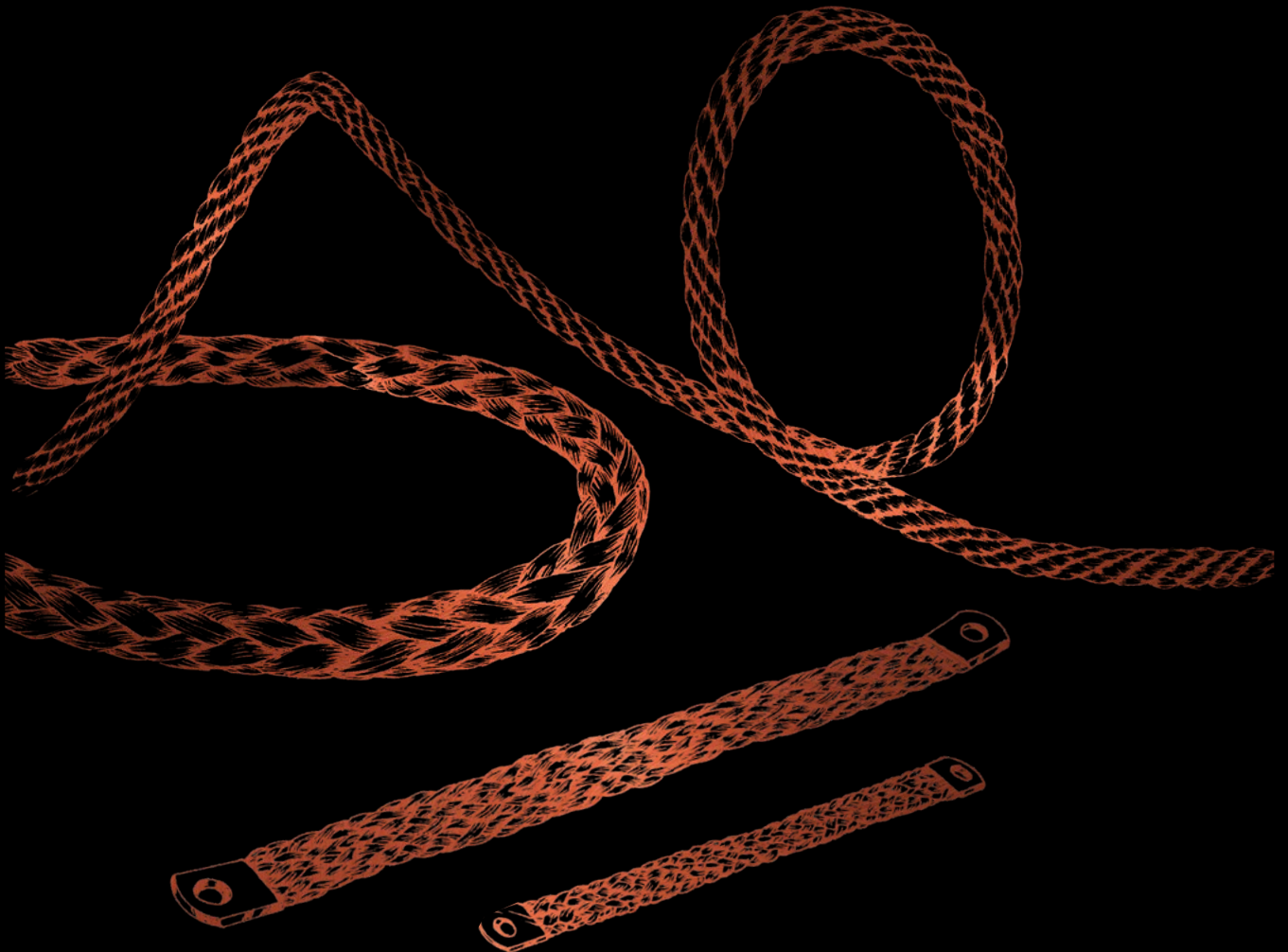


Flexible & Highly Flexible Copper Conductors

EARTHING & EQUIPOTENTIAL BONDING

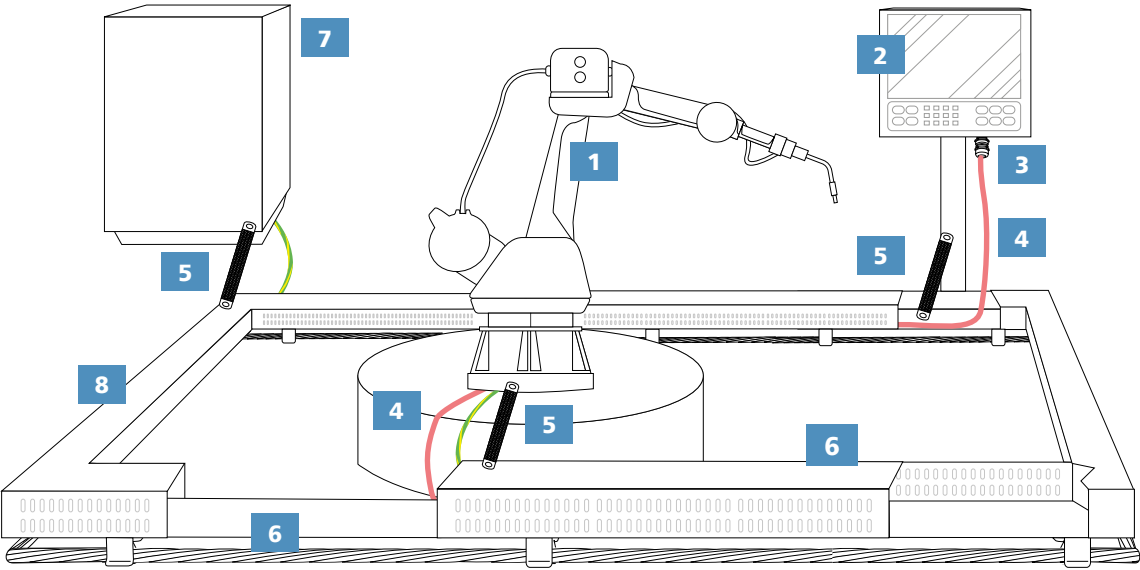
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**(Channeling
POWER)** 

Equipotential Bonding Concepts

The subjects of earthing and equipotential bonding are increasing in importance in industrial applications. The reason: more and more machines and systems are working near each other in tight spaces, which causes their electromagnetic fields to influence one another. To prevent disruptions to their electromagnetic compatibility (EMC), HELUKABEL offers a wide range of solutions for realising custom and functional earthing and equipotential bonding concepts without burdensome installation.



- 1

Robots
- 2

Control panel
- 3

EMC cable gland
- 4

H07V-K / 07V-K
- 5

HELUPOWER® CU-STRAP FLAT BRAIDED
- 6

HELUPOWER® CU-CONDUCTOR
- 7

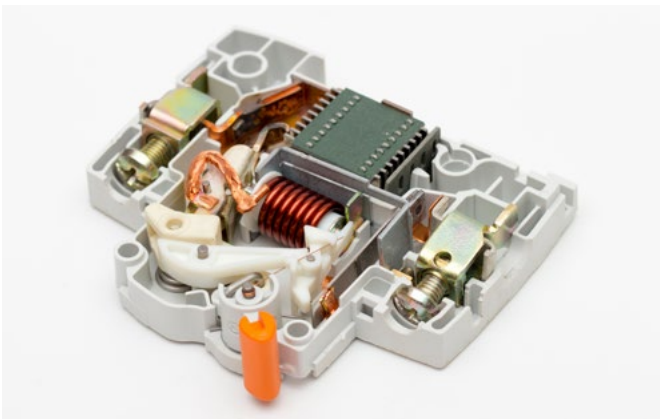
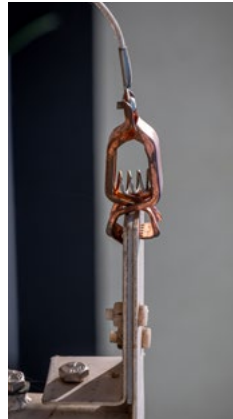
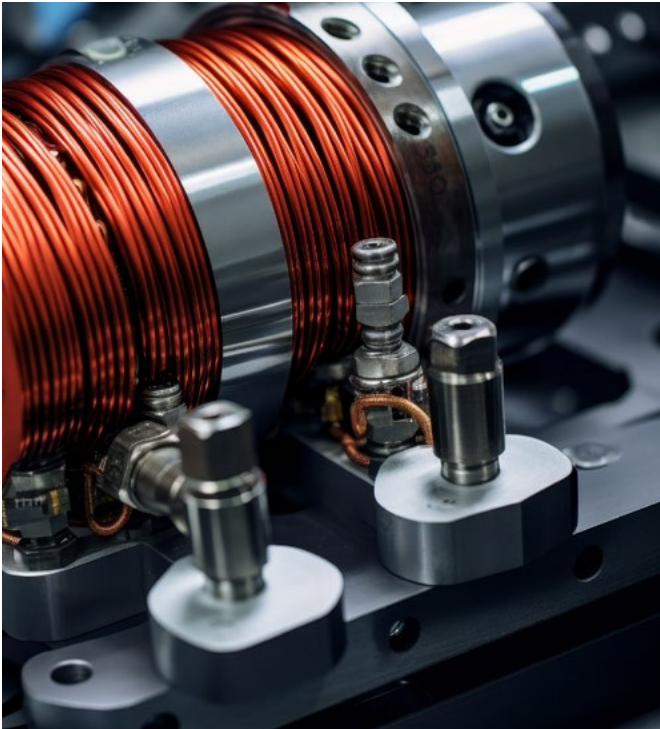
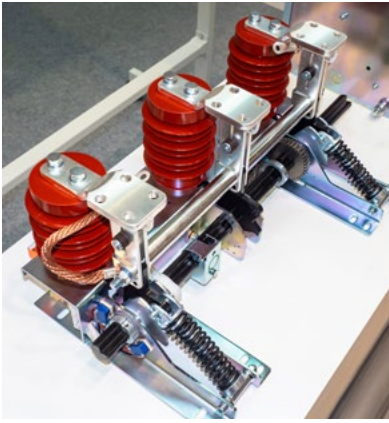
Switch cabinet
- 8

Cable channel

Diameter of cable (pg. 4-6) acc. to DIN VDE 0295/IEC 60228/HD 383

Cross-section mm²	Class 2	Class 5	Class 6			
	Column 1	Column 3	Column 4	Column 5	Column 6	Column 7
0.25		0.15	0.1	0.1	0.07	0.05
0.34		0.15	0.1	0.1	0.07	0.05
0.38		0.2	0.1	0.1	0.07	0.05
0.5	0.3	0.2	0.15	0.1	0.07	0.05
0.75	0.37	0.2	0.15	0.1	0.07	0.05
1	0.43	0.2	0.15	0.1	0.07	0.05
1.5	0.52	0.25	0.15	0.1	0.07	0.05
2.5	0.67	0.25	0.15	0.1	0.07	0.05
4	0.85	0.3	0.15	0.1	0.07	0.05
6	1.03	0.3	0.15	0.1	0.07	0.05
10	1.35	0.4	0.2	0.1	0.07	0.05

Cross-section mm²	Class 2	Class 5	Class 6			
	Column 1	Column 3	Column 4	Column 5	Column 6	Column 7
16	1.7	0.4	0.2	0.1	0.07	0.05
25	2.13	0.4	0.2	0.1	0.07	0.05
35	2.52	0.4	0.2	0.1	0.07	0.05
50	1.83	0.4	0.2	0.1	0.07	
70	2.17	0.5	0.3	0.1	0.07	
95	2.52	0.5	0.3	0.1	0.07	
120	2.03	0.5	0.3	0.1		
150	2.27	0.5	0.3	0.1		
185	2.52	0.5	0.3	0.1		
240	2.24	0.5	0.4	0.1		



Permanent, Flexible, or Highly Flexible Copper Conductors, Bare/Tinned

HELUPOWER® CU-CONDUCTOR ROUND STRANDED BARE / TINNED

Round conductor, bare or tinned

Bare

Nominal cross-s. mm²	Part no.					
	Cl. 2	Cl. 5	Cl. 6/4	Cl. 6/5	Cl. 6/6	Cl. 6/7
0.75	-	11026528	11026549	-	-	-
1	-	11026529	11026550	11026581	-	11026607
1.5	-	11026530	11026551	11026582	11026596	11026608
2.5	-	11026531	11026552	11026583	11026597	11026609
4	-	11026532	11026553	11026584	11026598	11026610
6	11028990	11026533	11026554	11026585	11026599	11026611
10	11028991	11026534	11026555	11026586	11026600	11026612
16	11028992	11026535	11026556	11026587	11026601	11026613
25	11028993	11026536	11026557	11026588	11026602	11026614
35	11028994	11026537	11026558	11026589	11026603	11026615
50	11028955	11026538	11026559	11026590	11026604	-
70	11028996	11026539	11026560	11026591	11026605	-
95	11028997	11026540	11026561	11026592	11026606	-
120	11028998	11026541	11026562	11026593	-	-
150	11028999	11026542	11026563	11026594	-	-
185	11029000	11026543	11026564	11026595	-	-
240	11029001	-	-	-	-	-

Technical data

- Minimum bending radius fixed installation, 6x outer Ø

Construction

- Cu conductor, stranded, acc. to VDE 0295, bare or tinned

Applications

- For earthing of machines/ systems with corrosion protection
- Equipotential bonding in CBN ring conductor systems (CBN = common bonding network) or in the automobile industry
- Concentrically stranded construction improved mechanical characteristics: more flexible, consistent diameter and more compact construction
- Fasten on/in cable channel using terminal block, terminals, or clamp springs

Tinned

Nominal cross-s. mm²	Part no.					
	Cl. 2	Cl. 5	Cl. 6/4	Cl. 6/5	Cl. 6/6	Cl. 6/7
0.75	-	11026544	11026565	-	-	-
1	-	11026545	11026566	11027071	-	11027097
1.5	-	11026546	11026567	11027072	11027086	11027098
2.5	-	11026547	11026568	11027073	11027087	11027099
4	-	11026548	11026569	11027074	11027088	11027100
6	11008930	11008942	11026570	11027075	11027089	11027101
10	11008931	11008540	11026571	11027076	11027090	11027102
16	11008932	11008541	11026572	11027077	11027091	11027103
25	11008933	11008943	11026573	11027078	11027092	11027104
35	11008934	11008944	11026574	11027079	11027093	11027105
50	11008935	11008945	11026575	11027080	11027094	-
70	11008936	11008946	11026576	11027081	11027095	-
95	11008937	11008947	11026577	11027082	11027096	-
120	11008938	11008948	11026578	11027083	-	-
150	11008939	11008949	11026579	11027084	-	-
185	11008940	11008950	11026580	11027085	-	-
240	11008941	11008951	-	-	-	-

HELUPOWER® CU-CONDUCTOR ROUND BRAIDED BARE / TINNED

Round-braided conductors, bare or tinned



Bare

Nominal cross-s. mm²	Part no.			
	Cl. 6/4	Cl. 6/5	Cl. 6/6	Cl. 6/7
0.35	-	11026644	11026686	11026714
0.5	-	11026645	11026687	11026715
0.75	-	11026646	11026688	11026716
1	11026616	11026647	11026689	11026717
1.25	-	11026648	11026690	11026718
1.5	11026617	11026649	11026691	11026719
2.3	-	11026650	11026692	11026720
2.5	11026618	11026651	11026693	11026721
3.3	-	11026652	11026694	11026722
3.5	-	-	-	11026723
4	11026619	11026653	11026695	11026724
6	11026620	-	11026696	11026725
10	11026621	11026655	11026697	11026726
16	11026622	11026656	11026698	11026727
25	11026623	11026657	11026699	11026728
35	11026624	11026658	-	-
50	11026625	11026659	-	-
70	11026626	11026660	-	-
75	-	11026661	-	-
95	11026627	11026662	-	-
120	11026628	11026663	-	-
150	11026629	11026664	-	-

Tinned

Nominal cross-s. mm²	Part no.			
	Cl. 6/4	Cl. 6/5	Cl. 6/6	Cl. 6/7
0.35	-	11026665	11026700	11026729
0.5	-	11026666	11026701	11026730
0.75	-	11026667	11026702	11026731
1	11026630	11026668	11026703	11026732
1.25	-	11026669	11026704	11026733
1.5	11026631	11026670	11026705	11026734
2.3	-	11026671	11026706	11026735
2.5	11026632	11026672	11026707	11026736
3.3	-	11026673	11026708	11026737
3.5	-	-	-	11026738
4	11026633	11026674	11026709	11026739
6	11026634	11026675	11026710	11026740
10	11026635	11026676	11026711	11026741
16	11026636	11026677	11026712	11026742
25	11026637	11026678	11026713	11026743
35	11026638	11026679	-	-
50	11026639	11026680	-	-
70	11026640	11026681	-	-
75	-	11026682	-	-
95	11026641	11026683	-	-
120	11026642	11026684	-	-
150	11026643	11026685	-	-

Technical data

- Technical specifications acc. to IEC EN 60228 / PN-EN 60228
- Single wire diameter acc. to DIN VDE 0295/IEC 60228/HD383:

Materials

- Annealed copper wires, bare/tinned copper

Applications

- Electrotechnical industry
- Earthing connections
- Welding industry
- Movable connections of electrical devices
- Use in direct & alternating current circuits

HELUPOWER® CU-CONDUCTOR SQUARE BRAIDED BARE / TINNED

Square-braided conductors, bare or tinned



Bare

Nominal cross-s. mm²	Part no.			
	Cl. 6/4	Cl. 6/5	Cl. 6/6	Cl. 6/7
0.35	-	11026762	11026796	11026830
0.5	-	11026763	11026797	11026831
0.75	-	11026764	11026798	11026832
1	11026744	11026765	11026799	11026833
1.2	-	11026766	11026800	11026834
1.3	-	11026767	11026801	11026835
1.5	11026745	11026768	11026802	11026836
2.3	-	11026769	11026803	11026837
2.5	11026746	11026770	11026804	11026838
3.2	-	11026771	11026805	11026839
3.5	-	11026772	11026806	11026840
4	11026747	11026773	11026807	11026841
6	11026748	11026774	11026808	11026842
10	11026749	11026775	11026809	11026843
16	11026750	11026776	11026810	11026844
20	11026751	11026777	11026811	11026845
25	11026752	11026778	11026812	11026846

Tinned

Nominal cross-s. mm²	Part no.			
	Cl. 6/4	Cl. 6/5	Cl. 6/6	Cl. 6/7
0.35	-	11026779	11026813	11026847
0.5	-	11026780	11026814	11026848
0.75	-	11026781	11026815	11026849
1	11026753	11026782	11026816	11026850
1.2	-	11026783	11026817	11026851
1.3	-	11026784	11026818	11026852
1.5	11026754	11026785	11026819	11026853
2.3	-	11026786	11026820	11026854
2.5	11026755	11026787	11026821	11026855
3.2	-	11026788	11026822	11026856
3.5	-	11026789	11026823	11026857
4	11026756	11026790	11026824	11026858
6	11026757	11026791	11026825	11026859
10	11026758	11026792	11026826	11026860
16	11026759	11026793	11026827	11026861
20	11026760	11026794	11026828	11026862
25	11026761	11026795	11026829	11026863

Technical data

- Technical specifications acc. to IEC EN 60228 / PN-EN 60228
- Single wire diameter acc. to DIN VDE 0295/IEC 60228/HD383:

Materials

- Annealed copper wires, bare/tinned copper

Applications

- Electrotechnical industry
- Earthing connections
- Welding industry
- Movable connections of electrical devices
- Use in direct & alternating current circuits

HELUPOWER® CU-WIRES FLAT BRAIDED BARE / TINNED

Braided copper tape, bare or tinned



Bare

Nominal cross-s. mm ²	Single cores Dia-meter	Tape Size	Part no. Bare
6	0.1	8 x 1.3	11026864
6	0.1	10 x 1.2	11026865
6	0.2	9.8 x 1.1	11026866
6	0.2	10 x 1.2	11026867
10	0.1	11 x 1.7	11026868
10	0.1	12 x 1.8	11026869
10	0.2	11 x 1.7	11026870
10	0.2	12 x 1.8	11026871
16	0.1	16 x 2	11026872
16	0.2	15 x 2	11026873
16	0.2	16 x 2	11026874
16	0.1	15 x 2	11026875
25	0.1	15 x 3	11026876
25	0.1	22 x 2.5	11026877
25	0.2	20 x 2.5	11026878
25	0.2	22 x 2.5	11026879
35	0.1	20 x 3.5	11026880
35	0.1	30 x 2.5	11026881
35	0.2	19 x 3.5	11026882
35	0.2	25 x 3	11026883
50	0.1	25 x 4	11026884
50	0.1	30 x 4	11026885
50	0.2	24 x 4.4	11026886
50	0.2	33 x 3.2	11026887
70	0.1	36 x 4	11026888
70	0.1	45 x 3.5	11026889
70	0.2	35 x 4.5	11026890
70	0.2	45 x 3.5	11026891
95	0.1	45 x 4.5	11026892
95	0.2	50 x 4	11026893
120	0.1	60 x 4	11026894
120	0.2	60 x 4	11026895
150	0.1	65 x 5	11026896
150	0.2	65 x 5	11026897

Tinned

Nominal cross-s. mm ²	Single cores Dia-meter	Tape Size	Part no. Tinned
6	0.1	8 x 1.3	11026898
6	0.1	10 x 1.2	11026899
6	0.2	9.8 x 1.1	11026900
6	0.2	10 x 1.2	11026901
10	0.1	11 x 1.7	11026902
10	0.1	12 x 1.8	11026903
10	0.2	11 x 1.7	11026904
10	0.2	12 x 1.8	11026905
16	0.1	16 x 2	11026906
16	0.2	15 x 2	11026907
16	0.2	16 x 2	11026908
16	0.1	15 x 2	11026909
25	0.1	15 x 3	11026910
25	0.1	22 x 2.5	11026911
25	0.2	20 x 2.5	11026912
25	0.2	22 x 2.5	11026913
35	0.1	20 x 3.5	11026914
35	0.1	30 x 2.5	11026915
35	0.2	19 x 3.5	11026916
35	0.2	25 x 3	11026917
50	0.1	25 x 4	11026918
50	0.1	30 x 4	11026919
50	0.2	24 x 4.4	11026920
50	0.2	33 x 3.2	11026921
70	0.1	36 x 4	11026922
70	0.1	45 x 3.5	11026923
70	0.2	35 x 4.5	11026924
70	0.2	45 x 3.5	11026925
95	0.1	45 x 4.5	11026926
95	0.2	50 x 4	11026927
120	0.1	60 x 4	11026928
120	0.2	60 x 4	11026929
150	0.1	65 x 5	11026930
150	0.2	65 x 5	11026931

Technical data

- Temperature range: -20°C to +125°C
- Torsion resistant

Materials

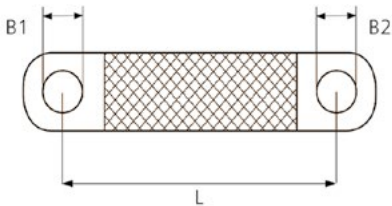
- Annealed copper wires, bare/tinned copper

Applications

- Automotive & railway industry
- Energy sector, robotics
- Movable connections of electrical devices
- For direct and alternating current circuits

HELUPOWER® CU-STRAP FLAT BRAIDED BARE

Earthing strap, bare



Part no.	Nominal cross-section mm²	Length L mm	Hole mm B1/B2
11026932	10	200.0	5.5 / 5.5
11026937	10	400.0	5.5 / 5.5
11026933	10	200.0	6.5 / 6.5
11026935	10	300.0	6.5 / 6.5
11026938	10	400.0	6.5 / 6.5
11026940	10	500.0	6.5 / 6.5
11026942	10	700.0	6.5 / 6.5
11026934	10	200.0	8.5 / 8.5
11026936	10	300.0	8.5 / 8.5
11026939	10	400.0	8.5 / 8.5
11026941	10	500.0	8.5 / 8.5
11026943	16	200.0	6.5 / 6.5
11026945	16	300.0	6.5 / 6.5
11026947	16	400.0	6.5 / 6.5
11026949	16	500.0	6.5 / 6.5
11026944	16	200.0	8.5 / 8.5
11026946	16	300.0	8.5 / 8.5
11026948	16	400.0	8.5 / 8.5
11026950	16	500.0	8.5 / 8.5
11026951	16	600.0	8.5 / 8.5

Part no.	Nominal cross-section mm²	Length L mm	Hole mm B1/B2
11026955	25	400.0	6.5 / 6.5
11026952	25	200.0	8.5 / 8.5
11026953	25	250.0	8.5 / 8.5
11026954	25	300.0	8.5 / 8.5
11026956	25	500.0	8.5 / 8.5
11026960	35	1200.0	8.5 / 8.5
11026957	35	350.0	8.5 / 8.5
11026958	35	400.0	8.5 / 8.5
11026959	35	500.0	8.5 / 8.5
11026961	50	150.0	6.5 / 6.5
11026962	50	150.0	8.5 / 8.5
11026964	50	400.0	8.5 / 8.5
11026963	50	300.0	10.5 / 10.5
11026965	70	1500.0	10.5 / 10.5
11026966	70	300.0	10.5 / 10.5
11026967	70	450.0	10.5 / 10.5
11026968	70	600.0	10.5 / 10.5
11026981	70	800.0	10.5 / 10.5
11026982	120	120.0	10.5 / 10.5

Technical data

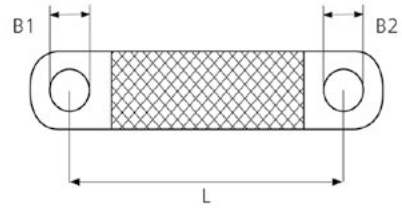
- Temperature range: -20°C to +125°C
- Individual wire thickness: 0.2 mm
- Contacts made of seamless pressed ferrules
- Material: copper, bare

Application areas:

- For EMC applications (interference suppression)
- Rounded contacts
- Automotive industry
- Robotics systems
- Control cabinet construction

HELUPOWER® CU-STRAP FLAT BRAIDED TINNED

Earthing strap, tinned



Part no.	Nominal cross-section mm²	Length L mm	Hole mm B1/B2
11021408	4	200.0	4.5 / 4.5
11021409	4	200.0	5.5 / 5.5
11018176	6	100.0	4.5 / 4.5
11008412	6	150.0	4.5 / 6.5
11021411	6	200.0	5.5 / 5.5
11018291	6	150.0	6.5 / 6.5
11008415	6	300.0	6.5 / 6.5
11008414	6	300.0	6.5 / 8.5
11023948	6	400.0	6.5 / 6.5
11008411	6	500.0	6.5 / 6.5
11008413	6	200.0	8.5 / 8.5
11021838	10	150.0	4.5 / 6.5
11008427	10	90.0	4.5 / 4.5
11021413	10	180.0	5.5 / 5.5
11021414	10	200.0	5.5 / 5.5
11021416	10	400.0	5.5 / 5.5
11021417	10	400.0	5.5 / 6.5
11021412	10	90.0	5.5 / 5.5
11026983	10	100.0	6.5 / 6.5
11021837	10	1300.0	6.5 / 6.5
11018958	10	150.0	6.5 / 6.5
11008421	10	200.0	6.5 / 6.5
11017752	10	200.0	6.5 / 8.5
11021348	10	2500.0	6.5 / 6.5
11008423	10	300.0	6.5 / 6.5
11017753	10	300.0	6.5 / 8.5
11021418	10	400.0	6.5 / 6.5
11021349	10	4000.0	6.5 / 6.5
11008426	10	500.0	6.5 / 6.5
11017765	10	700.0	6.5 / 6.5
11021420	10	750.0	6.5 / 6.5
11020924	10	900.0	6.5 / 6.5
11021415	10	350.0	6.6 / 6.5
11008422	10	200.0	8.5 / 8.5
11008424	10	300.0	8.5 / 8.5
11017754	10	400.0	8.5 / 6.5
11008425	10	400.0	8.5 / 8.5
11017755	10	500.0	8.5 / 6.5
11017610	10	500.0	8.5 / 8.5
11017533	10	70.0	8.5 / 8.5
11021424	16	300.0	5.5 / 6.5
11021425	16	350.0	5.5 / 6.5
11021428	16	400.0	5.5 / 6.5
11021431	16	500.0	5.5 / 6.5
11021432	16	1000.0	6.5 / 6.5
11021421	16	150.0	6.5 / 6.5
11024764	16	1600.0	6.5 / 6.5
11008443	16	200.0	6.5 / 6.5
11008445	16	200.0	6.5 / 8.5
11023446	16	250.0	6.5 / 6.5

Part no.	Nominal cross-section mm²	Length L mm	Hole mm B1/B2
11008444	16	300.0	6.5 / 6.5
11008447	16	300.0	6.5 / 8.5
11021426	16	350.0	6.5 / 6.5
11021429	16	400.0	6.5 / 6.5
11023447	16	500.0	6.5 / 6.5
11023755	16	800.0	6.5 / 6.5
11008442	16	100.0	8.5 / 8.5
11027757	16	1000.0	8.5 / 8.5
11029098	16	110.0	8.5 / 8.5
11008450	16	1200.0	8.5 / 8.5
11017281	16	150.0	8.5 / 8.5
11029097	16	170.0	8.5 / 8.5
11008378	16	200.0	8.5 / 8.5
11029041	16	20000.0	8.5 / 8.5
11024475	16	250.0	8.5 / 8.5
11017273	16	300.0	8.5 / 10.5
11008379	16	300.0	8.5 / 8.5
11027461	16	330.0	8.5 / 8.5
11021427	16	350.0	8.5 / 8.5
11008451	16	370.0	8.5 / 8.5
11017756	16	400.0	8.5 / 6.5
11008441	16	400.0	8.5 / 8.5
11024736	16	4000.0	8.5 / 8.5
11029042	16	40000.0	8.5 / 8.5
11017286	16	450.0	8.5 / 10.5
11017757	16	500.0	8.5 / 6.5
11008448	16	500.0	8.5 / 8.5
11008449	16	600.0	8.5 / 8.5
11017287	16	650.0	8.5 / 8.5
11017266	16	200.0	10.5 / 10.5
11020373	16	400.0	10.5 / 10.5
11021921	16	350.0	12.5 / 12.5
11018993	16	250.0	16.5 / 16.5
11021389	25	150.0	4.5 / 6.5
11021390	25	200.0	4.5 / 6.5
11018302	25	260.0	4.5 / 6.5
11027508	25	100.0	6.5 / 10.5
11021434	25	1000.0	6.5 / 6.5
11027493	25	170.0	6.5 / 8.5
11027512	25	200.0	6.5 / 6.5
11027515	25	250.0	6.5 / 10.5
11027511	25	250.0	6.5 / 6.5
11027489	25	250.0	6.5 / 8.5
11027514	25	270.0	6.5 / 6.5
11027491	25	300.0	6.5 / 10.5
11027494	25	300.0	6.5 / 6.5
11027495	25	320.0	6.5 / 10.5
11027509	25	350.0	6.5 / 10.5
11027510	25	350.0	6.5 / 6.5
11027492	25	400.0	6.5 / 10.5

Part no.	Nominal cross-section mm²	Length L mm	Hole mm B1/B2
11021433	25	400.0	6.5 / 6.5
11027499	25	460.0	6.6 / 6.5
11017758	25	200.0	8.5 / 6.5
11008461	25	200.0	8.5 / 8.5
11027498	25	250.0	8.5 / 10.5
11027501	25	300.0	8.5 / 10.5
11017759	25	300.0	8.5 / 6.5
11008462	25	300.0	8.5 / 8.5
11009038	25	30000.0	8.5 / 8.5
11017760	25	400.0	8.5 / 6.5
11027488	25	450.0	8.5 / 10.5
11027496	25	460.0	8.5 / 10.5
11017761	25	500.0	8.5 / 6.5
11017762	25	500.0	8.5 / 8.5
11027506	25	100.0	10.5 / 10.5
11027502	25	130.0	10.5 / 10.5
11027505	25	160.0	10.5 / 10.5
11027503	25	170.0	10.5 / 10.5
11027504	25	240.0	10.5 / 10.5
11027507	25	250.0	10.5 / 10.5
11027487	25	380.0	10.5 / 10.5
11027500	25	380.0	10.5 / 12.5
11027497	25	390.0	10.5 / 12.5
11027490	25	420.0	10.5 / 10.5
11021437	35	1200.0	8.5 / 8.5
11018016	35	14980.0	8.5 / 10.5
11017538	35	14980.0	8.5 / 12.5
11021435	35	350.0	8.5 / 8.5
11021436	35	400.0	8.5 / 8.5

Part no.	Nominal cross-section mm²	Length L mm	Hole mm B1/B2
11009170	35	500.0	8.5 / 8.5
11017537	35	9980.0	8.5 / 12.5
11017539	35	9980.0	8.5 / 16.5
11017536	35	9980.0	8.5 / 8.5
11018017	35	19980.0	10.5 / 8.5
11018018	35	24980.0	10.5 / 8.5
11018015	35	8480.0	10.5 / 8.5
11018020	35	19980.0	12.5 / 8.5
11018021	35	24980.0	12.5 / 8.5
11025363	35	300.0	12.5 / 12.5
11018019	35	8480.0	12.5 / 8.5
11018023	35	14980.0	16.5 / 8.5
11018024	35	19980.0	16.5 / 8.5
11018025	35	24980.0	16.5 / 8.5
11018022	35	8480.0	16.5 / 8.5
11026984	50	150.0	6.5 / 6.5
11026985	50	150.0	8.5 / 8.5
11021438	50	400.0	8.5 / 8.5
11009219	50	300.0	10.5 / 10.5
11017285	50	400.0	10.5 / 12.5
11026986	50	500.0	10.5 / 10.5
11026988	70	500.0	10.5 / 10.5
11026990	70	600.0	10.5 / 10.5
11026991	70	700.0	10.5 / 10.5
11026992	70	800.0	10.5 / 10.5
11026993	70	900.0	10.5 / 10.5
11026987	70	300.0	12.5 / 12.5
11026989	70	500.0	16.5 / 16.5
11026994	120	120.0	10.5 / 10.5

Technical data

- Temperature range: -20°C to +125°C
- Individual wire thickness: 0.2 mm
- Contacts made of seamless pressed ferrules
- Material: copper, tinned

Application areas:

- For EMC applications (interference suppression)
- Rounded contacts
- Automotive industry
- Robotics systems
- Control cabinet construction

SINGLE CORE H07V-K / 07V-K

PVC single core, finely stranded



Part no. pink	Part no. green- yellow	Core count x nom. cross-s. mm²	Outer-Ø mm	Cu no. kg/km:
100 m ring in a box				
29138	29130	1 x 1.5	2.8 - 3.4	14.4
29154	29146	1 x 2.5	3.4 - 4.1	24.0
29170	29162	1 x 4	3.9 - 4.8	38.0
29186	29178	1 x 6	4.4 - 5.3	58.0
100 m ring film wrapped				
29202	29194	1 x 10	5.7 - 6.8	96.0
Drum				
26850	26842	1 x 16	6.7 - 8.1	154.0

Technical data

- PVC single core acc. to DIN VDE 0285-525-2-31/ DIN EN 50525-2-31 and IEC 60227-3
- Temperature range: moving -5°C to +70°C fixed -30°C to +80°C
- Nominal voltage: AC U0/U 450/750 V
- Test voltage: 2500 V
- Minimum bending radius: fixed
 - < 8 mm: 4x core Ø
 - 8-12 mm: 5x core Ø
 - > 12 mm: 6x core Ø

Construction

- Bare copper conductor, finely stranded acc. to DIN VDE 0295 cl. 5, IEC 60228 cl. 5
- Core insulation: PVC compound type T11 acc. to DIN VDE 0207-363-3/DIN EN 50363-3 and IEC 60227-3
- Core identification, please see data sheet: www.helukabel.com/29129en

Application areas:

For installation in pipes on, in, or under plaster or in closed installation channels. May not be used for direct installations on racks, troughs, or trays. Approved for use as internal wiring for devices, distributors, and switch systems, and for protected installation in and on luminaires to and including 1000 V AC or to 750 V DC to earth.

Note

- Other dimensions, colours and labelling available on request



Contact



Our product experts are available to answer questions and provide custom solutions:

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