


U.I. Lapp GmbH	<b>PRODUCT INFORMATION</b>	
	<b>MULTI-STANDARD SC 2.1</b>	<b>12.09.2012</b>

USA: UL-listed (MTW), Canada: CSA (TEW), Europe: <HAR> H07V-K (depending on cross s.), tin-coated strands

For use in the most important global markets

Reduction in technical documentation

Easier storage; increases the cost-effectiveness of the production process

Works with "Conductor end sleeves XL, insulated"

<HAR> H07V-K type-compliant versions (not 0.5 mm<sup>2</sup>, 0.75 mm<sup>2</sup> or 1 mm<sup>2</sup> according to HD 21.3/VDE 0281-3; not 16 mm<sup>2</sup> according to internal technical specification at Lapp; no two-tone core insulation except green-yellow according to HD 21.1/VDE 0281-1) <HAR>-certified with "<HAR>" testing and certification mark for accelerated granting of approvals if final application of cable is within the European CENELEC area; separate testing mark: by UL for design certifications according to the UL standards UL AWM (according to UL 758) and (UL) MTW (according to UL 1063) and by the CSA for design certification according to the CSA standard CSA TEW (according to C22.2 No. 127)



### Application range

Factory wiring

Field wiring

Internal wiring of devices

Control cabinet wiring

### Design

Fine-wire strand made of tinned-copper wires

Special PVC-based core insulation

No outer sheath, no nylon jacket, no outer wrapping

### Approvals (Norm references)

Compliant with NFPA 79 Edition 2007

Multi-standard cables have conductor strands with nominal sizes in mm<sup>2</sup> or AWG/kcmil. The master size is mentioned in the table below, while the equivalent size of the other system can be found in the Appendix T16 of this catalogue. For this related secondary size the cross-section of the conductor mostly works out to be greater than the specified nominal value.

Detailed information about the approvals can be found in the "Technical data" box

### Product features

Flame-retardant according to IEC 60332-1-2

Flame-retardant according to UL VW1/CSA FT1

Oil-resistant

### Remark

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 150/100kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.


Packaging size: Coil ≤ 30 kg, otherwise drum

Photographs are not to scale and do not represent detailed images of the respective products.

Non-harmonised, nominal cross-sections: 0.5 mm<sup>2</sup>, 0.75 mm<sup>2</sup>, 1 mm<sup>2</sup>, 16 mm<sup>2</sup>

\*for conventional use, \*\*for careful bending; "OD" = outer diameter

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**Technical Data**

Approvals:	H07V-K: HD 21/VDE 0281
	UL AWM (according to UL 758) Style 1015 (UL AWM file number of U.I. Lapp GmbH: E63634)
	(UL) MTW (according to UL 1063) ((UL) MTW file number of U.I. Lapp GmbH: E198296)
	CSA TEW (according to C22.2 No. 127)
Specific insulation resistance:	> 10 GOhm x cm
Conductor stranding:	Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5
Minimum bending radius:	$OD \leq 8 \text{ mm: } 4 \times OD^{*}/2 \times OD^{**}$ $8 < OD \leq 12 \text{ mm: } 5 \times OD^{*}/3 \times OD^{**}$ $OD > 12 \text{ mm: } 6 \times OD^{*}/4 \times OD^{**}$
Nominal voltage:	HAR / IEC: $U_0/U$ : 450/750 V
	UL (AWM): U: 600 V
	UL (MTW): U: 600 V
	CSA (TEW): U: 600 V
Test voltage:	2500 V
Temperature range:	Fixed installation: HAR/IEC: -40°C to +70°C
	UL (AWM): -40°C to +105°C
	UL (MTW): -40°C to +90°C
	CSA (TEW): -40°C to +105°C

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Part number	Conductor cross-section (mm <sup>2</sup> )	Outer diameter (mm)	Core colour	m/ring	m/box	Copper index (kg/km)	Weight (kg/km)	Overall weight / box (kg)
4160100	0,5	2.7	Green/yellow	100		4.8	10	
4160100K	0,5	2.7	Green/yellow		3000	4.8	10	
4160111	0,5	2.7	green	100		4.8	10	
4160111K	0,5	2.7	green		3000	4.8	10	
4160103	0,5	2.7	brown	100		4.8	10	
4160103K	0,5	2.7	brown		3000	4.8	10	
4160101	0,5	2.7	black	100		4.8	10	
4160101K	0,5	2.7	black		3000	4.8	10	
4160106	0,5	2.7	grey	100		4.8	10	
4160106K	0,5	2.7	grey		3000	4.8	10	
4160102	0,5	2.7	blue	100		4.8	10	
4160102K	0,5	2.7	blue		3000	4.8	10	
4160114	0,5	2.7	Dark blue	100		4.8	10	
4160114K	0,5	2.7	Dark blue		3000	4.8	10	
4160116K	0,5	2.7	ultra-marine blue		3000	4.8	10	
4160109	0,5	2.7	orange	100		4.8	10	
4160109K	0,5	2.7	orange		3000	4.8	10	32.2
4160107	0,5	2.7	violet	100		4.8	10	
4160107K	0,5	2.7	violet		3000	4.8	10	
4160110	0,5	2.7	yellow	100		4.8	10	
4160110K	0,5	2.7	yellow		3000	4.8	10	
4160105	0,5	2.7	white	100		4.8	10	
4160105K	0,5	2.7	white		3000	4.8	10	
4160104	0,5	2.7	red	100		4.8	10	
4160104K	0,5	2.7	red		3000	4.8	10	
4160108	0,5	2.7	Pink	100		4.8	10	
4160108K	0,5	2.7	Pink		3000	4.8	10	
4180651K	0,5	2.7	Transparent		3000	4.8	10	
4160126	0,5	2.7	blue/white	100		4.8	10	
4160126K	0,5	2.7	blue/white		3000	4.8	10	
4160192K	0,5	2.7	Dark blue/white		3000	4.8	10	
4160120K	0,5	2.7	black/green		3000	4.8	10	
4160121K	0,5	2.7	black/red		3000	4.8	10	
4160123K	0,5	2.7	blue/black		3000	4.8	10	

Part number	Conductor cross-section (mm <sup>2</sup> )	Outer diameter (mm)	Core colour	m/ring	m/box	Copper index (kg/km)	Weight (kg/km)	Overall weight / box (kg)
4160124K	0,5	2.7	blue/green		3000	4.8	10	
4160125K	0,5	2.7	blue/red		3000	4.8	10	
4160127K	0,5	2.7	brown/black		3000	4.8	10	
4160129K	0,5	2.7	brown/white		3000	4.8	10	
4160131K	0,5	2.7	yellow-red		3000	4.8	10	
4160136K	0,5	2.7	violet-yellow		3000	4.8	10	
4160137K	0,5	2.7	violet-white		3000	4.8	10	
4160138K	0,5	2.7	orange-black		3000	4.8	10	
4160139K	0,5	2.7	orange-white		3000	4.8	10	
4160140K	0,5	2.7	red-black		3000	4.8	10	
4160141K	0,5	2.7	red-yellow		3000	4.8	10	
4160142K	0,5	2.7	red-white		3000	4.8	10	
4160144	0,5	2.7	white-blue	100		4.8	10	
4160144K	0,5	2.7	white-blue		3000	4.8	10	
4160146K	0,5	2.7	white-red		3000	4.8	10	
4160134K	0,5	2.7	green-white		3000	4.8	10	
4160200	0,75	2.9	Green/yellow	100		7.2	13	
4160200K	0,75	2.9	Green/yellow		2500	7.2	13	
4160211	0,75	2.9	green	100		7.2	13	
4160211K	0,75	2.9	green		2500	7.2	13	
4160203	0,75	2.9	brown	100		7.2	13	
4160203K	0,75	2.9	brown		2500	7.2	13	
4160201	0,75	2.9	black	100		7.2	13	
4160201K	0,75	2.9	black		2500	7.2	13	
4160206	0,75	2.9	grey	100		7.2	13	
4160206K	0,75	2.9	grey		2500	7.2	13	
4160202	0,75	2.9	blue	100		7.2	13	
4160202K	0,75	2.9	blue		2500	7.2	13	
4160214	0,75	2.9	Dark blue	100		7.2	13	
4160214K	0,75	2.9	Dark blue		2500	7.2	13	
4160216K	0,75	2.9	ultra-marine blue		2500	7.2	13	
4160209	0,75	2.9	orange	100		7.2	13	
4160209K	0,75	2.9	orange		2500	7.2	13	
4160207	0,75	2.9	violet	100		7.2	13	

Part number	Conductor cross-section (mm <sup>2</sup> )	Outer diameter (mm)	Core colour	m/ring	m/box	Copper index (kg/km)	Weight (kg/km)	Overall weight / box (kg)
4160207K	0,75	2.9	violet		2500	7.2	13	
4160210	0,75	2.9	yellow	100		7.2	13	
4160210K	0,75	2.9	yellow		2500	7.2	13	
4160205	0,75	2.9	white	100		7.2	13	
4160205K	0,75	2.9	white		2500	7.2	13	
4160204	0,75	2.9	red	100		7.2	13	
4160204K	0,75	2.9	red		2500	7.2	13	
4160208	0,75	2.9	Pink	100		7.2	13	
4160208K	0,75	2.9	Pink		2500	7.2	13	
4180652K	0,75	2.9	Transparent		2500	7.2	13	
4160226	0,75	2.9	blue/white	100		7.2	13	
4160226K	0,75	2.9	blue/white		2500	7.2	13	
4160292K	0,75	2.9	Dark blue/white		2500	7.2	13	
4160220K	0,75	2.9	black/green		2500	7.2	13	
4160221K	0,75	2.9	black/red		2500	7.2	13	
4160223K	0,75	2.9	blue/black		2500	7.2	13	
4160224K	0,75	2.9	blue/green		2500	7.2	13	
4160225K	0,75	2.9	blue/red		2500	7.2	13	
4160227K	0,75	2.9	brown/black		2500	7.2	13	
4160229K	0,75	2.9	brown/white		2500	7.2	13	
4160231K	0,75	2.9	yellow-red		2500	7.2	13	
4160236K	0,75	2.9	violet-yellow		2500	7.2	13	
4160237K	0,75	2.9	violet-white		2500	7.2	13	
4160238K	0,75	2.9	orange-black		2500	7.2	13	
4160239K	0,75	2.9	orange-white		2500	7.2	13	
4160240K	0,75	2.9	red-black		2500	7.2	13	
4160241K	0,75	2.9	red-yellow		2500	7.2	13	
4160242K	0,75	2.9	red-white		2500	7.2	13	
4160244	0,75	2.9	white-blue	100		7.2	13	
4160244K	0,75	2.9	white-blue		2500	7.2	13	
4160246K	0,75	2.9	white-red		2500	7.2	13	
4160300	1	3.1	Green/yellow	100		9.6	16	
4160300K	1	3.1	Green/yellow		2000	9.6	16	
4160311	1	3.1	green	100		9.6	16	

Part number	Conductor cross-section (mm <sup>2</sup> )	Outer diameter (mm)	Core colour	m/ring	m/box	Copper index (kg/km)	Weight (kg/km)	Overall weight / box (kg)
4160311K	1	3.1	green		2000	9.6	16	
4160303	1	3.1	brown	100		9.6	16	
4160303K	1	3.1	brown		2000	9.6	16	
4160301	1	3.1	black	100		9.6	16	
4160301K	1	3.1	black		2000	9.6	16	
4160306	1	3.1	grey	100		9.6	16	
4160306K	1	3.1	grey		2000	9.6	16	
4160302	1	3.1	blue	100		9.6	16	
4160302K	1	3.1	blue		2000	9.6	16	
4160314	1	3.1	Dark blue	100		9.6	16	
4160314K	1	3.1	Dark blue		2000	9.6	16	
4160316K	1	3.1	ultra-marine blue		2000	9.6	16	
4160309	1	3.1	orange	100		9.6	16	
4160309K	1	3.1	orange		2000	9.6	16	
4160307	1	3.1	violet	100		9.6	16	
4160307K	1	3.1	violet		2000	9.6	16	
4160310	1	3.1	yellow	100		9.6	16	
4160310K	1	3.1	yellow		2000	9.6	16	
4160305	1	3.1	white	100		9.6	16	
4160305K	1	3.1	white		2000	9.6	16	
4160304	1	3.1	red	100		9.6	16	
4160304K	1	3.1	red		2000	9.6	16	
4160308	1	3.1	Pink	100		9.6	16	
4160308K	1	3.1	Pink		2000	9.6	16	
4180653K	1	3.1	Transparent		2000	9.6	16	
4160326	1	3.1	blue/white	100		9.6	16	
4160326K	1	3.1	blue/white		2000	9.6	16	
4160392K	1	3.1	Dark blue/white		2000	9.6	16	
4160320K	1	3.1	black/green		2000	9.6	16	
4160321K	1	3.1	black/red		2000	9.6	16	
4160323K	1	3.1	blue/black		2000	9.6	16	
4160324K	1	3.1	blue/green		2000	9.6	16	
4160325K	1	3.1	blue/red		2000	9.6	16	
4160327K	1	3.1	brown/black		2000	9.6	16	

Part number	Conductor cross-section (mm <sup>2</sup> )	Outer diameter (mm)	Core colour	m/ring	m/box	Copper index (kg/km)	Weight (kg/km)	Overall weight / box (kg)
4160329K	1	3.1	brown/white		2000	9.6	16	
4160331K	1	3.1	yellow-red		2000	9.6	16	
4160336K	1	3.1	violet-yellow		2000	9.6	16	
4160337K	1	3.1	violet-white		2000	9.6	16	
4160338K	1	3.1	orange-black		2000	9.6	16	
4160339K	1	3.1	orange-white		2000	9.6	16	
4160340K	1	3.1	red-black		2000	9.6	16	
4160341K	1	3.1	red-yellow		2000	9.6	16	
4160342K	1	3.1	red-white		2000	9.6	16	
4160344	1	3.1	white-blue	100		9.6	16	
4160344K	1	3.1	white-blue		2000	9.6	16	
4160346K	1	3.1	white-red		2000	9.6	16	
4160400	1,5	3.4	Green/yellow	100		14.4	22	
4160400K	1,5	3.4	Green/yellow		1500	14.4	22	
4160411	1,5	3.4	green	100		14.4	22	
4160411K	1,5	3.4	green		1500	14.4	22	
4160403	1,5	3.4	brown	100		14.4	22	
4160403K	1,5	3.4	brown		1500	14.4	22	
4160401	1,5	3.4	black	100		14.4	22	
4160401K	1,5	3.4	black		1500	14.4	22	
4160406	1,5	3.4	grey	100		14.4	22	
4160406K	1,5	3.4	grey		1500	14.4	22	
4160402	1,5	3.4	blue	100		14.4	22	
4160402K	1,5	3.4	blue		1500	14.4	22	
4160414	1,5	3.4	Dark blue	100		14.4	22	
4160414K	1,5	3.4	Dark blue		1500	14.4	22	
4160416K	1,5	3.4	ultra-marine blue		1500	14.4	22	
4160409	1,5	3.4	orange	100		14.4	22	
4160409K	1,5	3.4	orange		1500	14.4	22	
4160407	1,5	3.4	violet	100		14.4	22	
4160407K	1,5	3.4	violet		1500	14.4	22	
4160410	1,5	3.4	yellow	100		14.4	22	
4160410K	1,5	3.4	yellow		1500	14.4	22	
4160405	1,5	3.4	white	100		14.4	22	

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Part number	Conductor cross-section (mm <sup>2</sup> )	Outer diameter (mm)	Core colour	m/ring	m/box	Copper index (kg/km)	Weight (kg/km)	Overall weight / box (kg)
4160405K	1,5	3.4	white		1500	14.4	22	
4160404	1,5	3.4	red	100		14.4	22	
4160404K	1,5	3.4	red		1500	14.4	22	
4160408	1,5	3.4	Pink	100		14.4	22	
4160408K	1,5	3.4	Pink		1500	14.4	22	
4180654K	1,5	3.4	Transparent		1500	14.4	22	
4160426	1,5	3.4	blue/white	100		14.4	22	
4160426K	1,5	3.4	blue/white		1500	14.4	22	
4160492K	1,5	3.4	Dark blue/white		1500	14.4	22	
4160420K	1,5	3.4	black/green		1500	14.4	22	
4160421K	1,5	3.4	black/red		1500	14.4	22	
4160423K	1,5	3.4	blue/black		1500	14.4	22	
4160424K	1,5	3.4	blue/green		1500	14.4	22	
4160425K	1,5	3.4	blue/red		1500	14.4	22	
4160427K	1,5	3.4	brown/black		1500	14.4	22	
4160429K	1,5	3.4	brown/white		1500	14.4	22	
4160431K	1,5	3.4	yellow-red		1500	14.4	22	
4160436K	1,5	3.4	violet-yellow		1500	14.4	22	
4160437K	1,5	3.4	violet-white		1500	14.4	22	
4160438K	1,5	3.4	orange-black		1500	14.4	22	
4160439K	1,5	3.4	orange-white		1500	14.4	22	
4160440K	1,5	3.4	red-black		1500	14.4	22	
4160441K	1,5	3.4	red-yellow		1500	14.4	22	
4160442K	1,5	3.4	red-white		1500	14.4	22	
4160444	1,5	3.4	white-blue	100		14.4	22	
4160444K	1,5	3.4	white-blue		1500	14.4	22	
4160446K	1,5	3.4	white-red		1500	14.4	22	
4160500	2,5	4.0	Green/yellow	100		24.0	37	
4160500K	2,5	4.0	Green/yellow		900	24.0	37	
4160511	2,5	4.0	green	100		24.0	37	
4160511K	2,5	4.0	green		900	24.0	37	
4160503	2,5	4.0	brown	100		24.0	37	
4160503K	2,5	4.0	brown		900	24.0	37	
4160501	2,5	4.0	black	100		24.0	37	



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Part number	Conductor cross-section (mm <sup>2</sup> )	Outer diameter (mm)	Core colour	m/ring	m/box	Copper index (kg/km)	Weight (kg/km)	Overall weight / box (kg)
4160501K	2,5	4.0	black		900	24.0	37	
4160506	2,5	4.0	grey	100		24.0	37	
4160506K	2,5	4.0	grey		900	24.0	37	
4160502	2,5	4.0	blue	100		24.0	37	
4160502K	2,5	4.0	blue		900	24.0	37	
4160514	2,5	4.0	Dark blue	100		24.0	37	
4160514K	2,5	4.0	Dark blue		900	24.0	37	
4160516K	2,5	4.0	ultra-marine blue		900	24.0	37	
4160509	2,5	4.0	orange	100		24.0	37	
4160509K	2,5	4.0	orange		900	24.0	37	
4160507	2,5	4.0	violet	100		24.0	37	
4160507K	2,5	4.0	violet		900	24.0	37	
4160510	2,5	4.0	yellow	100		24.0	37	
4160510K	2,5	4.0	yellow		900	24.0	37	
4160505	2,5	4.0	white	100		24.0	37	
4160505K	2,5	4.0	white		900	24.0	37	
4160504	2,5	4.0	red	100		24.0	37	
4160504K	2,5	4.0	red		900	24.0	37	
4160508K	2,5	4.0	Pink		900	24.0	37	
4180655K	2,5	4.0	Transparent		900	24.0	37	
4160526	2,5	4.0	blue/white	100		24.0	37	
4160526K	2,5	4.0	blue/white		900	24.0	37	
4160592K	2,5	4.0	Dark blue/white		900	24.0	37	
4160520K	2,5	4.0	black/green		900	24.0	37	
4160521K	2,5	4.0	black/red		900	24.0	37	
4160523K	2,5	4.0	blue/black		900	24.0	37	
4160524K	2,5	4.0	blue/green		900	24.0	37	
4160525K	2,5	4.0	blue/red		900	24.0	37	
4160527K	2,5	4.0	brown/black		900	24.0	37	
4160529K	2,5	4.0	brown/white		900	24.0	37	
4160531K	2,5	4.0	yellow-red		900	24.0	37	
4160536K	2,5	4.0	violet-yellow		900	24.0	37	
4160537K	2,5	4.0	violet-white		900	24.0	37	
4160538K	2,5	4.0	orange-black		900	24.0	37	

Part number	Conductor cross-section (mm <sup>2</sup> )	Outer diameter (mm)	Core colour	m/ring	m/box	Copper index (kg/km)	Weight (kg/km)	Overall weight / box (kg)
4160539K	2,5	4.0	orange-white		900	24.0	37	
4160540K	2,5	4.0	red-black		900	24.0	37	
4160541K	2,5	4.0	red-yellow		900	24.0	37	
4160542K	2,5	4.0	red-white		900	24.0	37	
4160544	2,5	4.0	white-blue	100		24.0	37	
4160544K	2,5	4.0	white-blue		900	24.0	37	
4160546K	2,5	4.0	white-red		900	24.0	37	
4160600	4	4.6	Green/yellow	100		38.4	45	
4160600K	4	4.6	Green/yellow		600	38.4	45	
4160611	4	4.6	green	100		38.4	45	
4160611K	4	4.6	green		600	38.4	45	
4160603	4	4.6	brown	100		38.4	45	
4160603K	4	4.6	brown		600	38.4	45	
4160601	4	4.6	black	100		38.4	45	
4160601K	4	4.6	black		600	38.4	45	
4160606	4	4.6	grey	100		38.4	45	
4160606K	4	4.6	grey		600	38.4	45	
4160602	4	4.6	blue	100		38.4	45	
4160602K	4	4.6	blue		600	38.4	45	
4160614	4	4.6	Dark blue	100		38.4	45	
4160614K	4	4.6	Dark blue		600	38.4	45	
4160616K	4	4.6	ultra-marine blue		600	38.4	45	
4160609	4	4.6	orange	100		38.4	45	
4160609K	4	4.6	orange		600	38.4	45	
4160607	4	4.6	violet	100		38.4	45	
4160607K	4	4.6	violet		600	38.4	45	
4160610	4	4.6	yellow	100		38.4	45	
4160610K	4	4.6	yellow		600	38.4	45	
4160605	4	4.6	white	100		38.4	45	
4160605K	4	4.6	white		600	38.4	45	
4160604	4	4.6	red	100		38.4	45	
4160604K	4	4.6	red		600	38.4	45	
4160608K	4	4.6	Pink		600	38.4	45	
4180656K	4	4.6	Transparent		600	38.4	45	

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Part number	Conductor cross-section (mm <sup>2</sup> )	Outer diameter (mm)	Core colour	m/ring	m/box	Copper index (kg/km)	Weight (kg/km)	Overall weight / box (kg)
4160626	4	4.6	blue/white	100		38.4	45	
4160626K	4	4.6	blue/white		600	38.4	45	
4160692K	4	4.6	Dark blue/white		600	38.4	45	
4160620K	4	4.6	black/green		600	38.4	45	
4160621K	4	4.6	black/red		600	38.4	45	
4160623K	4	4.6	blue/black		600	38.4	45	
4160624K	4	4.6	blue/green		600	38.4	45	
4160625K	4	4.6	blue/red		600	38.4	45	
4160627K	4	4.6	brown/black		600	38.4	45	
4160629K	4	4.6	brown/white		600	38.4	45	
4160631K	4	4.6	yellow-red		600	38.4	45	
4160636K	4	4.6	violet-yellow		600	38.4	45	
4160637K	4	4.6	violet-white		600	38.4	45	
4160638K	4	4.6	orange-black		600	38.4	45	
4160639K	4	4.6	orange-white		600	38.4	45	
4160640K	4	4.6	red-black		600	38.4	45	
4160641K	4	4.6	red-yellow		600	38.4	45	
4160642K	4	4.6	red-white		600	38.4	45	
4160644	4	4.6	white-blue	100		38.4	45	
4160644K	4	4.6	white-blue		600	38.4	45	
4160646K	4	4.6	white-red		600	38.4	45	
4160700	6	5.1	Green/yellow	100		57.6	71	
4160700K	6	5.1	Green/yellow		400	57.6	71	
4160711	6	5.1	green	100		57.6	71	
4160711K	6	5.1	green		400	57.6	71	
4160703	6	5.1	brown	100		57.6	71	
4160703K	6	5.1	brown		400	57.6	71	
4160701	6	5.1	black	100		57.6	71	
4160701K	6	5.1	black		400	57.6	71	
4160706	6	5.1	grey	100		57.6	71	
4160706K	6	5.1	grey		400	57.6	71	
4160702	6	5.1	blue	100		57.6	71	
4160702K	6	5.1	blue		400	57.6	71	
4160714	6	5.1	Dark blue	100		57.6	71	

Part number	Conductor cross-section (mm <sup>2</sup> )	Outer diameter (mm)	Core colour	m/ring	m/box	Copper index (kg/km)	Weight (kg/km)	Overall weight / box (kg)
4160714K	6	5.1	Dark blue		400	57.6	71	
4160716K	6	5.1	ultra-marine blue		400	57.6	71	
4160709	6	5.1	orange	100		57.6	71	
4160709K	6	5.1	orange		400	57.6	71	
4160707	6	5.1	violet	100		57.6	71	
4160707K	6	5.1	violet		400	57.6	71	
4160710	6	5.1	yellow	100		57.6	71	
4160710K	6	5.1	yellow		400	57.6	71	
4160705	6	5.1	white	100		57.6	71	
4160705K	6	5.1	white		400	57.6	71	
4160704	6	5.1	red	100		57.6	71	
4160704K	6	5.1	red		400	57.6	71	
4160708K	6	5.1	Pink		400	57.6	71	
4180657K	6	5.1	Transparent		400	57.6	71	
4160726	6	5.1	blue/white	100		57.6	71	
4160726K	6	5.1	blue/white		400	57.6	71	
4160792K	6	5.1	Dark blue/white		400	57.6	71	
4160720K	6	5.1	black/green		400	57.6	71	
4160721K	6	5.1	black/red		400	57.6	71	
4160723K	6	5.1	blue/black		400	57.6	71	
4160724K	6	5.1	blue/green		400	57.6	71	
4160725K	6	5.1	blue/red		400	57.6	71	
4160727K	6	5.1	brown/black		400	57.6	71	
4160729K	6	5.1	brown/white		400	57.6	71	
4160731K	6	5.1	yellow-red		400	57.6	71	
4160736K	6	5.1	violet-yellow		400	57.6	71	
4160737K	6	5.1	violet-white		400	57.6	71	
4160738K	6	5.1	orange-black		400	57.6	71	
4160739K	6	5.1	orange-white		400	57.6	71	
4160740K	6	5.1	red-black		400	57.6	71	
4160741K	6	5.1	red-yellow		400	57.6	71	
4160742K	6	5.1	red-white		400	57.6	71	
4160744	6	5.1	white-blue	100		57.6	71	
4160744K	6	5.1	white-blue		400	57.6	71	

Part number	Conductor cross-section (mm <sup>2</sup> )	Outer diameter (mm)	Core colour	m/ring	m/box	Copper index (kg/km)	Weight (kg/km)	Overall weight / box (kg)
4160746K	6	5.1	white-red		400	57.6	71	
4160800	10	6.8	Green/yellow	100		96.0	120	
4160811	10	6.8	green	100		96.0	120	
4160803	10	6.8	brown	100		96.0	120	
4160801	10	6.8	black	100		96.0	120	
4160806	10	6.8	grey	100		96.0	120	
4160802	10	6.8	blue	100		96.0	120	
4160814	10	6.8	Dark blue	100		96.0	120	
4160809	10	6.8	orange	100		96.0	120	
4160810	10	6.8	yellow	100		96.0	120	
4160805	10	6.8	white	100		96.0	120	
4160804	10	6.8	red	100		96.0	120	
4160826	10	6.8	blue/white	100		96.0	120	
4160844	10	6.8	white-blue	100		96.0	120	
4160900	16	9.0	Green/yellow	100		153.6	187	
4160911	16	9.0	green	100		153.6	187	
4160903	16	9.0	brown	100		153.6	187	
4160901	16	9.0	black	100		153.6	187	
4160906	16	9.0	grey	100		153.6	187	
4160902	16	9.0	blue	100		153.6	187	
4160914	16	9.0	Dark blue	100		153.6	187	
4160909	16	9.0	orange	100		153.6	187	
4160910	16	9.0	yellow	100		153.6	187	
4160905	16	9.0	white	100		153.6	187	
4160904	16	9.0	red	100		153.6	187	
4160944	16	9.0	white-blue	100		153.6	187	
4161000	25	10.2	Green/yellow	100		240.0	290	
4161011	25	10.2	green	100		240.0	290	
4161003	25	10.2	brown	100		240.0	290	
4161001	25	10.2	black	100		240.0	290	
4161006	25	10.2	grey	100		240.0	290	
4161002	25	10.2	blue	100		240.0	290	
4161014	25	10.2	Dark blue	100		240.0	290	
4161009	25	10.2	orange	100		240.0	290	

Part number	Conductor cross-section (mm <sup>2</sup> )	Outer diameter (mm)	Core colour	m/ring	m/box	Copper index (kg/km)	Weight (kg/km)	Overall weight / box (kg)
4161010	25	10.2	yellow	100		240.0	290	
4161005	25	10.2	white	100		240.0	290	
4161004	25	10.2	red	100		240.0	290	
4161100	35	11.7	Green/yellow			336.0	399	
4161111	35	11.7	green			336.0	399	
4161101	35	11.7	black			336.0	399	
4161106	35	11.7	grey			336.0	399	
4161102	35	11.7	blue			336.0	399	
4161109	35	11.7	orange			336.0	399	
4161110	35	11.7	yellow			336.0	399	
4161105	35	11.7	white			336.0	399	
4161104	35	11.7	red			336.0	399	
4161200	50	13.9	Green/yellow			480.0	559	
4161211	50	13.9	green			480.0	559	
4161201	50	13.9	black			480.0	559	
4161202	50	13.9	blue			480.0	559	
4161210	50	13.9	yellow			480.0	559	
4161300	70	16.0	Green/yellow			672.0	776	
4161311	70	16.0	green			672.0	776	
4161301	70	16.0	black			672.0	776	
4161306	70	16.0	grey			672.0	776	
4161302	70	16.0	blue			672.0	776	
4161310	70	16.0	yellow			672.0	776	
4161400	95	18.2	Green/yellow			912.0	1031	
4161401	95	18.2	black			912.0	1031	
4161406	95	18.2	grey			912.0	1031	
4161402	95	18.2	blue			912.0	1031	
4161500	120	19.8	Green/yellow			1152.0	1285	
4161501	120	19.8	black			1152.0	1285	
4161502	120	19.8	blue			1152.0	1285	
4161505	120	19.8	white			1152.0	1285	

U.I. Lapp GmbH	<b>PRODUCT INFORMATION</b>	 <b>LAPP GROUP</b>
	<b>MULTI-STANDARD SC 2.1</b>	12.09.2012



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