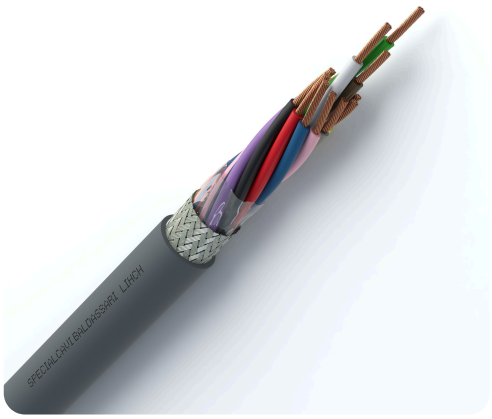
LiHCH

CPR CLASS: EN 50575:2014+A1:2016 B2ca-s1a,d0,a1



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Application

Shielded cable suitable for data transmission in signalling and control installations, where effective protection from external electromagnetic interference and small dimensions (machine edge) are required. Compliant with EU CPR Regulation 305/11, designed to limit the spread of fire and smoke. Suitable in environments with a fire risk and high presence of people such as schools, hospitals, etc. Buried laying and outdoor laying are not allowed, even if protected.

Marking

<meters> CE 0987 SPECIALCAVI BALDASSARI LIHCH-DIN <formation> mm2 B2CA-S1A,D0,A1 <lot> <year>

Manufacturing characteristics

Conductor: bare copper class 5 flexible, according to CEI 20-29 EN IEC 60228

Insulation: LSZH thermoplastic compound

Wrapping and protection: polyester tape

Screen: tinned copper braid

Outer sheath: LSZH thermoplastic compound

Outer sheath colour: grey, based on RAL 7001

Cable geometry: round

On request

- Custom cores and outer sheath colouring

Reaction to fire - EN 13501-6

Reaction to fire according to EN 13501-6: Class
B2ca

Reaction to fire according to EN 13501-6: Smoke production
s1a

Reaction to fire according to EN 13501-6: Flaming droplets/particles
d0

Reaction to fire according to EN 13501-6: Acidity
a1

Specify standards

Installation standard

Identification and tests to be used for cables for category 0 systems in relation to coexistence in ducts containing cables for category I systems: CEI UNEL 36762

CPR standard for reaction to fire

Common test methods for cables under fire conditions - Heat release and smoke production measurement on cables during flame spread test: EN 50399

Electrical characteristics

Nominal voltage U_o:
- 300V sections ≤ 0,75 mm²
- 450V sections ≥ 1,00 mm²

Nominal voltage U:
- 500V sections ≤ 0,75 mm²
- 750V sections ≥ 1,00 mm²

Sheath operating voltage:
- 450/750V

Test voltage:
- 2,0kV 50Hz A.C. (5min) c-c sec≤0,75mm²
- 1,5kV 50Hz A.C. (1min) c-s sec≤ 0,75mm²
- 2,5kV 50Hz A.C. (5min) c-c sec≥1mm²
- 2,0kV 50Hz A.C. (1min) c-s sec≥1mm²

Maximum voltage:
- U_o/U 410/820V D.C. sec ≤ 0,75 mm²
- U_o/U 320/550V A.C. sec ≤ 0,75 mm²
- U_o/U 620/1240V D.C. sec ≥ 1,00 mm²
- U_o/U 480/825V A.C. sec ≥ 1,00 mm²

Minimum insulation resistance:
- >100MΩxKm

Temperatures

Permitted cable outer temperature during assembling/handling
-5°C

Operating temperature range
Fixed laying: -40°C |+70°C
Occasional mobile laying w/o stress: -5°C |+70°C

Maximum conductor temperature
Fixed laying: +70°C
Occasional mobile laying w/o stress: +70°C

Maximum short-circuit temperature
+160°C

Product characteristics

Flame retardant	IEC 60332-1-2	✓
	IEC 60332-3-21 (Cat A F/R)	✗
	IEC 60332-3-22 (Cat A)	✗
	IEC 60332-3-23 (Cat B)	✗
	IEC 60332-3-24 (Cat C)	✓
	IEC 60332-3-25 (Cat D)	✓
Low smoke	EN IEC 61034-2	✓
Halogen Free	EN IEC 60754-1	✓
	EN IEC 60754-2	✓
	EN IEC 60754-3	✗

Oil resistant	EN IEC 60811-404	✓
Low temperature resistant	EN 60811-504+505+506	✓
UV resistant		✗
Ozone resistant		✗
Hydrocarbons resistant	ENI 181	✓
Fire resistant	IEC 60331-1 (diameter > 20 mm) or EN 50200 (diameter < 20 mm)	✗
Presence of water	HD 60364-5-54:2009	✗
Impact resistant	HD 60364-5-54:2009	✗

Laying conditions

FIXED LAYING ✓

INDOOR LAYING ✓

LAYING IN AIR WITH PROTECTION ✓

MAXIMUM TENSILE STRENGTH DURING INSTALLATION
0,050 kN copper cross-section of conductors

MOBILE LAYING ✗

OUTDOOR LAYING ✗

DIRECTLY BURIED LAYING ✗

WITH RODENT PROTECTION ✗

OCCASIONAL MOBILE LAYING W/O STRESS ✓

LAYING IN FREE AIR ✓

BURIED LAYING WITH PROTECTION ✗

MINIMUM BENDING RADIUS
Fixed laying: 8 times the outer diameter
Occasional mobile laying w/o stress: 15 times the outer diameter

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Nominal cross section conductor [mm²]	Conductor resistance at 20°C [Ohm/Km]
0.25	75
0.34	53
0.50	39,0
0.75	26,0
1.00	19,5
1.50	13,3
2.50	7,98

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Article code	Formation [n° x mm²]	Twisted/stranded cores	Outer diameter approx [mm]	Weight approx [Kg/Km]	Cores colour	Cores identification standards
LHCHDIN02502	2 X 0,25	Cores twisted in a pair	4,3	28	White-Brown	DIN 47100
LHCHDIN02503	3 X 0,25	Cores twisted in a triple	4,5	33	White-Brown-Green	DIN 47100
LHCHDIN02504	4 X 0,25	Cores twisted in a quad	4,9	38	White-Brown-Green-Yellow	DIN 47100
LHCHDIN02505	5 X 0,25	Cores stranded in concentric layers	5,3	46	White-Brown-Green-Yellow-Grey	DIN 47100
LHCHDIN02506	6 X 0,25	Cores stranded in concentric layers	5,8	54	White-Brown-Green-Yellow-Grey-Pink	DIN 47100
LHCHDIN02507	7 X 0,25	Cores stranded in concentric layers	5,8	58	White-Brown-Green-Yellow-Grey-Pink-Blue	DIN 47100
LHCHDIN02508	8 X 0,25	Cores stranded in concentric layers	6,8	69	White-Brown-Green-Yellow-Grey-Pink-Blue-Red	DIN 47100
LHCHDIN02510	10 X 0,25	Cores stranded in concentric layers	7,1	78	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple	DIN 47100
LHCHDIN02512	12 X 0,25	Cores stranded in concentric layers	7,3	87	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue	DIN 47100
LHCHDIN02514	14 X 0,25	Cores stranded in concentric layers	7,8	102	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green	DIN 47100
LHCHDIN02515	15 X 0,25	Cores stranded in concentric layers	8,1	107	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow	DIN 47100
LHCHDIN02516	16 X 0,25	Cores stranded in concentric layers	8,1	111	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown	DIN 47100
LHCHDIN02518	18 X 0,25	Cores stranded in concentric layers	8,5	122	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown	DIN 47100
LHCHDIN02519	19 X 0,25	Cores stranded in concentric layers	8,5	127	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink	DIN 47100
LHCHDIN02520	20 X 0,25	Cores stranded in concentric layers	9,5	151	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink-Pink/Brown	DIN 47100
LHCHDIN02521	21 X 0,25	Cores stranded in concentric layers	9,9	156	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink-Pink/Brown-White/Blue	DIN 47100
LHCHDIN02524	24 X 0,25	Cores stranded in concentric layers	10,3	164	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink-Pink/Brown-White/Blue-Brown/Blue-White/Red-Brown/Red	DIN 47100
LHCHDIN02525	25 X 0,25	Cores stranded in concentric layers	10,3	168	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink-Pink/Brown-White/Blue-Brown/Blue-White/Red-Brown/Red-White/Black	DIN 47100
LHCHDIN02527	27 X 0,25	Cores stranded in concentric layers	10,3	176	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink-Pink/Brown-White/Blue-Brown/Blue-White/Red-Brown/Red-White/Black-Brown/Black-Grey/Green	DIN 47100
LHCHDIN03402	2 X 0,34	Cores twisted in a pair	4,8	34	White-Brown	DIN 47100

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Article code	Formation [n° x mm²]	Twisted/stranded cores	Outer diameter approx [mm]	Weight approx [Kg/Km]	Cores colour	Cores identification standards
LHCHDIN03403	3 X 0,34	Cores twisted in a triple	4,9	41	White-Brown-Green	DIN 47100
LHCHDIN03404	4 X 0,34	Cores twisted in a quad	5,7	50	White-Brown-Green-Yellow	DIN 47100
LHCHDIN03405	5 X 0,34	Cores stranded in concentric layers	6,1	59	White-Brown-Green-Yellow-Grey	DIN 47100
LHCHDIN03406	6 X 0,34	Cores stranded in concentric layers	6,6	69	White-Brown-Green-Yellow-Grey-Pink	DIN 47100
LHCHDIN03407	7 X 0,34	Cores stranded in concentric layers	6,6	75	White-Brown-Green-Yellow-Grey-Pink-Blue	DIN 47100
LHCHDIN03408	8 X 0,34	Cores stranded in concentric layers	7,8	90	White-Brown-Green-Yellow-Grey-Pink-Blue-Red	DIN 47100
LHCHDIN03410	10 X 0,34	Cores stranded in concentric layers	8,4	111	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple	DIN 47100
LHCHDIN03412	12 X 0,34	Cores stranded in concentric layers	8,4	116	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue	DIN 47100
LHCHDIN03414	14 X 0,34	Cores stranded in concentric layers	9,2	143	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green	DIN 47100
LHCHDIN03415	15 X 0,34	Cores stranded in concentric layers	9,9	157	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow	DIN 47100
LHCHDIN03416	16 X 0,34	Cores stranded in concentric layers	9,9	163	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown	DIN 47100
LHCHDIN03418	18 X 0,34	Cores stranded in concentric layers	10,1	166	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown	DIN 47100
LHCHDIN03419	19 X 0,34	Cores stranded in concentric layers	10,1	173	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink	DIN 47100
LHCHDIN03420	20 X 0,34	Cores stranded in concentric layers	10,7	183	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink-Pink/Brown	DIN 47100
LHCHDIN03421	21 X 0,34	Cores stranded in concentric layers	11,2	193	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink-Pink/Brown-White/Blue	DIN 47100
LHCHDIN03424	24 X 0,34	Cores stranded in concentric layers	12,1	220	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink-Pink/Brown-White/Blue-Brown/Blue-White/Red-Brown/Red	DIN 47100
LHCHDIN03425	25 X 0,34	Cores stranded in concentric layers	12,1	226	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink-Pink/Brown-White/Blue-Brown/Blue-White/Red-Brown/Red-White/Black	DIN 47100
LHCHDIN03427	27 X 0,34	Cores stranded in concentric layers	12,1	237	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink-Pink/Brown-White/Blue-Brown/Blue-White/Red-Brown/Red-White/Black-Brown/Black-Grey/Green	DIN 47100
LHCHDIN05002	2 X 0,50	Cores twisted in a pair	5,0	39	White-Brown	DIN 47100
LHCHDIN05003	3 X 0,50	Cores twisted in a triple	5,3	47	White-Brown-Green	DIN 47100
LHCHDIN05004	4 X 0,50	Cores twisted in a quad	5,9	58	White-Brown-Green-Yellow	DIN 47100
LHCHDIN05005	5 X 0,50	Cores stranded in concentric layers	6,4	69	White-Brown-Green-Yellow-Grey	DIN 47100
LHCHDIN05006	6 X 0,50	Cores stranded in concentric layers	6,8	79	White-Brown-Green-Yellow-Grey-Pink	DIN 47100
LHCHDIN05007	7 X 0,50	Cores stranded in concentric layers	6,9	85	White-Brown-Green-Yellow-Grey-Pink-Blue	DIN 47100
LHCHDIN05008	8 X 0,50	Cores stranded in concentric layers	8,2	105	White-Brown-Green-Yellow-Grey-Pink-Blue-Red	DIN 47100
LHCHDIN05010	10 X 0,50	Cores stranded in concentric layers	9,0	129	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple	DIN 47100
LHCHDIN05012	12 X 0,50	Cores stranded in concentric layers	9,0	138	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue	DIN 47100
LHCHDIN05014	14 X 0,50	Cores stranded in concentric layers	9,7	161	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green	DIN 47100
LHCHDIN05015	15 X 0,50	Cores stranded in concentric layers	10,1	169	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow	DIN 47100
LHCHDIN05016	16 X 0,50	Cores stranded in concentric layers	10,1	177	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown	DIN 47100

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Article code	Formation [n° x mm²]	Twisted/stranded cores	Outer diameter approx [mm]	Weight approx [Kg/Km]	Cores colour	Cores identification standards
LHCHDIN05018	18 X 0,50	Cores stranded in concentric layers	10,6	194	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown	DIN 47100
LHCHDIN05019	19 X 0,50	Cores stranded in concentric layers	10,6	201	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink	DIN 47100
LHCHDIN05020	20 X 0,50	Cores stranded in concentric layers	11,2	213	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink-Pink/Brown	DIN 47100
LHCHDIN05021	21 X 0,50	Cores stranded in concentric layers	11,9	230	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink-Pink/Brown-White/Blue	DIN 47100
LHCHDIN05024	24 X 0,50	Cores stranded in concentric layers	12,7	255	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink-Pink/Brown-White/Blue-Brown/Blue-White/Red-Brown/Red	DIN 47100
LHCHDIN05025	25 X 0,50	Cores stranded in concentric layers	12,7	263	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink-Pink/Brown-White/Blue-Brown/Blue-White/Red-Brown/Red-White/Black	DIN 47100
LHCHDIN05027	27 X 0,50	Cores stranded in concentric layers	12,7	277	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink-Pink/Brown-White/Blue-Brown/Blue-White/Red-Brown/Red-White/Black-Brown/Black-Grey/Green	DIN 47100
LHCHDIN07502	2 X 0,75	Cores twisted in a pair	5,8	49	White-Brown	DIN 47100
LHCHDIN07503	3 X 0,75	Cores twisted in a triple	6,0	61	White-Brown-Green	DIN 47100
LHCHDIN07504	4 X 0,75	Cores twisted in a quad	6,7	77	White-Brown-Green-Yellow	DIN 47100
LHCHDIN07505	5 X 0,75	Cores stranded in concentric layers	7,3	90	White-Brown-Green-Yellow-Grey	DIN 47100
LHCHDIN07506	6 X 0,75	Cores stranded in concentric layers	8,0	106	White-Brown-Green-Yellow-Grey-Pink	DIN 47100
LHCHDIN07507	7 X 0,75	Cores stranded in concentric layers	8,0	115	White-Brown-Green-Yellow-Grey-Pink-Blue	DIN 47100
LHCHDIN07508	8 X 0,75	Cores stranded in concentric layers	9,5	138	White-Brown-Green-Yellow-Grey-Pink-Blue-Red	DIN 47100
LHCHDIN07510	10 X 0,75	Cores stranded in concentric layers	9,9	161	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple	DIN 47100
LHCHDIN07512	12 X 0,75	Cores stranded in concentric layers	10,3	184	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue	DIN 47100
LHCHDIN07514	14 X 0,75	Cores stranded in concentric layers	11,0	216	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green	DIN 47100
LHCHDIN07515	15 X 0,75	Cores stranded in concentric layers	11,7	233	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow	DIN 47100
LHCHDIN07516	16 X 0,75	Cores stranded in concentric layers	11,7	243	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown	DIN 47100
LHCHDIN07518	18 X 0,75	Cores stranded in concentric layers	12,1	260	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown	DIN 47100
LHCHDIN07519	19 X 0,75	Cores stranded in concentric layers	12,1	279	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink	DIN 47100
LHCHDIN07520	20 X 0,75	Cores stranded in concentric layers	13,3	311	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink-Pink/Brown	DIN 47100
LHCHDIN07521	21 X 0,75	Cores stranded in concentric layers	14,1	332	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink-Pink/Brown-White/Blue	DIN 47100
LHCHDIN07524	24 X 0,75	Cores stranded in concentric layers	15,2	372	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink-Pink/Brown-White/Blue-Brown/Blue-White/Red-Brown/Red	DIN 47100
LHCHDIN07525	25 X 0,75	Cores stranded in concentric layers	15,2	383	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink-Pink/Brown-White/Blue-Brown/Blue-White/Red-Brown/Red-White/Black	DIN 47100
LHCHDIN07527	27 X 0,75	Cores stranded in concentric layers	15,2	403	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink-Pink/Brown-White/Blue-Brown/Blue-White/Red-Brown/Red-White/Black-Brown/Black-Grey/Green	DIN 47100
LHCHDIN10002	2 X 1,00	Cores twisted in a pair	6,2	57	White-Brown	DIN 47100

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Article code	Formation [n° x mm²]	Twisted/stranded cores	Outer diameter approx [mm]	Weight approx [Kg/Km]	Cores colour	Cores identification standards
LHCHDIN10003	3 X 1,00	Cores twisted in a triple	6,4	72	White-Brown-Green	DIN 47100
LHCHDIN10004	4 X 1,00	Cores twisted in a quad	7,2	91	White-Brown-Green-Yellow	DIN 47100
LHCHDIN10005	5 X 1,00	Cores stranded in concentric layers	8,0	111	White-Brown-Green-Yellow-Grey	DIN 47100
LHCHDIN10006	6 X 1,00	Cores stranded in concentric layers	8,7	128	White-Brown-Green-Yellow-Grey-Pink	DIN 47100
LHCHDIN10007	7 X 1,00	Cores stranded in concentric layers	8,7	141	White-Brown-Green-Yellow-Grey-Pink-Blue	DIN 47100
LHCHDIN10008	8 X 1,00	Cores stranded in concentric layers	10,4	169	White-Brown-Green-Yellow-Grey-Pink-Blue-Red	DIN 47100
LHCHDIN10010	10 X 1,00	Cores stranded in concentric layers	11,3	215	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple	DIN 47100
LHCHDIN10012	12 X 1,00	Cores stranded in concentric layers	11,2	225	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue	DIN 47100
LHCHDIN10014	14 X 1,00	Cores stranded in concentric layers	12,2	265	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green	DIN 47100
LHCHDIN10015	15 X 1,00	Cores stranded in concentric layers	13,0	299	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow	DIN 47100
LHCHDIN10016	16 X 1,00	Cores stranded in concentric layers	13,0	312	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown	DIN 47100
LHCHDIN10018	18 X 1,00	Cores stranded in concentric layers	13,8	348	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown	DIN 47100
LHCHDIN10019	19 X 1,00	Cores stranded in concentric layers	13,8	361	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink	DIN 47100
LHCHDIN10020	20 X 1,00	Cores stranded in concentric layers	14,6	383	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink-Pink/Brown	DIN 47100
LHCHDIN10021	21 X 1,00	Cores stranded in concentric layers	15,3	400	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink-Pink/Brown-White/Blue	DIN 47100
LHCHDIN10024	24 X 1,00	Cores stranded in concentric layers	16,7	459	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink-Pink/Brown-White/Blue-Brown/Blue-White/Red-Brown/Red	DIN 47100
LHCHDIN10025	25 X 1,00	Cores stranded in concentric layers	16,7	474	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink-Pink/Brown-White/Blue-Brown/Blue-White/Red-Brown/Red-White/Black	DIN 47100
LHCHDIN10027	27 X 1,00	Cores stranded in concentric layers	16,7	497	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink-Pink/Brown-White/Blue-Brown/Blue-White/Red-Brown/Red-White/Black-Brown/Black-Grey/Green	DIN 47100
LHCHDIN15002	2 X 1,50	Cores twisted in a pair	7,2	75	White-Brown	DIN 47100
LHCHDIN15003	3 X 1,50	Cores twisted in a triple	7,4	96	White-Brown-Green	DIN 47100
LHCHDIN15004	4 X 1,50	Cores twisted in a quad	8,3	120	White-Brown-Green-Yellow	DIN 47100
LHCHDIN15005	5 X 1,50	Cores stranded in concentric layers	9,2	147	White-Brown-Green-Yellow-Grey	DIN 47100
LHCHDIN15006	6 X 1,50	Cores stranded in concentric layers	9,9	171	White-Brown-Green-Yellow-Grey-Pink	DIN 47100
LHCHDIN15007	7 X 1,50	Cores stranded in concentric layers	9,9	195	White-Brown-Green-Yellow-Grey-Pink-Blue	DIN 47100
LHCHDIN15008	8 X 1,50	Cores stranded in concentric layers	12,2	234	White-Brown-Green-Yellow-Grey-Pink-Blue-Red	DIN 47100
LHCHDIN15010	10 X 1,50	Cores stranded in concentric layers	13,4	294	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple	DIN 47100
LHCHDIN15012	12 X 1,50	Cores stranded in concentric layers	13,3	321	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue	DIN 47100
LHCHDIN15014	14 X 1,50	Cores stranded in concentric layers	14,3	383	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green	DIN 47100
LHCHDIN15015	15 X 1,50	Cores stranded in concentric layers	15,1	409	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow	DIN 47100
LHCHDIN15016	16 X 1,50	Cores stranded in concentric layers	15,1	427	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown	DIN 47100

LiHCH

Article code	Formation [n° x mm²]	Twisted/stranded cores	Outer diameter approx [mm]	Weight approx [Kg/Km]	Cores colour	Cores identification standards
LHCHDIN15018	18 X 1,50	Cores stranded in concentric layers	16,2	475	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown	DIN 47100
LHCHDIN15019	19 X 1,50	Cores stranded in concentric layers	16,1	498	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink	DIN 47100
LHCHDIN15020	20 X 1,50	Cores stranded in concentric layers	17,0	523	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink-Pink/Brown	DIN 47100
LHCHDIN15021	21 X 1,50	Cores stranded in concentric layers	18,1	564	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink-Pink/Brown-White/Blue	DIN 47100
LHCHDIN15024	24 X 1,50	Cores stranded in concentric layers	19,2	630	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink-Pink/Brown-White/Blue-Brown/Blue-White/Red-Brown/Red	DIN 47100
LHCHDIN15025	25 X 1,50	Cores stranded in concentric layers	19,2	649	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink-Pink/Brown-White/Blue-Brown/Blue-White/Red-Brown/Red-White/Black	DIN 47100
LHCHDIN15027	27 X 1,50	Cores stranded in concentric layers	19,2	685	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink-Pink/Brown-White/Blue-Brown/Blue-White/Red-Brown/Red-White/Black-Brown/Black-Grey/Green	DIN 47100
LHCHDIN25002	2 X 2,50	Cores twisted in a pair	8,3	108	White-Brown	DIN 47100
LHCHDIN25003	3 X 2,50	Cores twisted in a triple	8,7	136	White-Brown-Green	DIN 47100
LHCHDIN25004	4 X 2,50	Cores twisted in a quad	9,7	172	White-Brown-Green-Yellow	DIN 47100
LHCHDIN25005	5 X 2,50	Cores stranded in concentric layers	10,7	211	White-Brown-Green-Yellow-Grey	DIN 47100
LHCHDIN25006	6 X 2,50	Cores stranded in concentric layers	11,8	255	White-Brown-Green-Yellow-Grey-Pink	DIN 47100
LHCHDIN25007	7 X 2,50	Cores stranded in concentric layers	11,8	284	White-Brown-Green-Yellow-Grey-Pink-Blue	DIN 47100
LHCHDIN25008	8 X 2,50	Cores stranded in concentric layers	14,4	356	White-Brown-Green-Yellow-Grey-Pink-Blue-Red	DIN 47100
LHCHDIN25010	10 X 2,50	Cores stranded in concentric layers	16,1	433	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple	DIN 47100
LHCHDIN25012	12 X 2,50	Cores stranded in concentric layers	16,0	494	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue	DIN 47100
LHCHDIN25014	14 X 2,50	Cores stranded in concentric layers	16,8	556	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green	DIN 47100
LHCHDIN25015	15 X 2,50	Cores stranded in concentric layers	17,7	596	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow	DIN 47100
LHCHDIN25016	16 X 2,50	Cores stranded in concentric layers	17,7	625	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown	DIN 47100
LHCHDIN25018	18 X 2,50	Cores stranded in concentric layers	18,8	700	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown	DIN 47100
LHCHDIN25019	19 X 2,50	Cores stranded in concentric layers	18,8	728	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink	DIN 47100
LHCHDIN25020	20 X 2,50	Cores stranded in concentric layers	20,2	781	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink-Pink/Brown	DIN 47100
LHCHDIN25021	21 X 2,50	Cores stranded in concentric layers	21,2	823	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink-Pink/Brown-White/Blue	DIN 47100
LHCHDIN25024	24 X 2,50	Cores stranded in concentric layers	22,8	939	White-Brown-Green-Yellow-Grey-Pink-Blue-Red-Black-Purple-Grey/Pink-Red/Blue-White/Green-Brown/Green-White/Yellow-Yellow/Brown-White/Grey-Grey/Brown-White/Pink-Pink/Brown-White/Blue-Brown/Blue-White/Red-Brown/Red	DIN 47100