

Ribbon Cables

Type L, Type L AWG 28, Type D



Technical data

Type L (stranded wire)

- Pitch 2,54 mm
- **Nominal voltage**
0,14 mm² = 350 V
0,25 to 0,75 mm² = 600 V
- **Test voltage**
0,14 mm² = 1200 V
0,25 to 0,75 mm² = 2000 V

Type L AWG 28 (stranded wire)

- Pitch 1,27 mm
- **Heat-resistance** up to 105°C
- **Nominal voltage** 300 V
- **Test voltage** 2000 V

Type D (solid)

- Pitch 2,5 mm
- **Nominal voltage** 500 V
- **Test voltage** 1500 V

Cable structure

Type L (stranded wire)

- Tinned copper, fine wire stranded to DIN VDE 0295 cl.5, BS 6360 cl.5
- Core insulation of PVC, flame retardant
- Cores colour coded

Type L AWG 28 (stranded wire)

- Tinned copper 7x0,127
- Core insulation of PVC, flame retardant
- Cores single coloured, edge marking on one side
- Cores moulded, can be separated easily

Type D (solid)

- Cu-solid, tinned 0,5 mm Ø
- Core insulation of PVC
- Cores moulded, can be separated easily
- Cores colour coded

Properties

Type L AWG 28 (stranded wire)

- PVC self-extinguishing and flame retardant acc. to DIN VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B)

Note

- Pitch
(Distance between centre point)

Application

Ribbon cables are used as connecting and control cables wherever there is a need to install quickly and with a minimum waste of space. These cables offer an excellent degree of flexibility.

☒= The product is conformed with the EC Low-Voltage Directive 2006/95/EC.

Typ L (colour coded)

Part no.	No.cores x cross-sec. mm ²	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
44001	2 x 0,14	3,9 x 1,4	2,7	7,0	26
44002	3 x 0,14	6,4 x 1,4	4,0	11,0	26
44003	4 x 0,14	8,9 x 1,4	5,4	14,0	26
44004	5 x 0,14	11,3 x 1,4	6,7	18,0	26
44005	6 x 0,14	13,9 x 1,4	8,1	21,0	26
44006	7 x 0,14	16,4 x 1,4	9,4	25,0	26
44007	8 x 0,14	18,9 x 1,4	10,7	28,0	26
44008	9 x 0,14	21,4 x 1,4	13,4	32,0	26
44009	10 x 0,14	23,9 x 1,4	14,4	35,0	26
44010	11 x 0,14	26,4 x 1,4	15,3	39,0	26
44011	12 x 0,14	28,9 x 1,4	16,1	42,0	26
44012	16 x 0,14	38,9 x 1,4	21,5	56,0	26
44013	20 x 0,14	48,9 x 1,4	27,0	70,0	26
44014	4 x 0,25	9,1 x 1,6	9,6	21,0	24
44015	5 x 0,25	11,6 x 1,6	12,0	26,0	24
44016	6 x 0,25	14,1 x 1,6	14,4	31,0	24
44017	7 x 0,25	16,6 x 1,6	16,8	36,0	24
44018	8 x 0,25	19,1 x 1,6	19,2	42,0	24
44019	10 x 0,25	24,1 x 1,6	24,0	52,0	24
44020	12 x 0,25	29,1 x 1,6	28,8	62,0	24
44021	16 x 0,25	39,1 x 1,6	38,4	83,0	24
44022	20 x 0,25	49,1 x 1,6	48,0	104,0	24
44023	4 x 0,5	9,0 x 2,0	19,2	38,0	20
44024	5 x 0,5	12,0 x 2,0	24,0	48,0	20
44025	6 x 0,5	15,0 x 2,0	28,8	57,0	20
44026	7 x 0,5	17,0 x 2,0	33,6	66,0	20
44027	8 x 0,5	20,0 x 2,0	38,4	76,0	20
44028	10 x 0,5	23,0 x 2,0	48,0	95,0	20
44029	12 x 0,5	30,0 x 2,0	58,0	114,0	20
44030	16 x 0,5	40,0 x 2,0	77,0	151,0	20
44031	20 x 0,5	50,0 x 2,0	101,0	190,0	20
44032	4 x 0,75	10,6 x 2,5	29,0	52,0	19
44033	5 x 0,75	13,3 x 2,5	36,0	64,0	19
44034	6 x 0,75	16,0 x 2,5	43,2	77,0	19
44035	7 x 0,75	18,7 x 2,5	50,0	90,0	19
44036	8 x 0,75	21,4 x 2,5	58,0	103,0	19
44037	10 x 0,75	26,8 x 2,5	72,0	130,0	19
44038	12 x 0,75	32,2 x 2,5	86,0	155,0	19
44039	16 x 0,75	43,0 x 2,5	112,0	206,0	19
44040	20 x 0,75	53,4 x 2,5	151,0	260,0	19

Typ L AWG 28 (single coloured, edge marking on one side)

Part no.	No.cores x cross-sec. mm ²	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
44041	10 x 0,08	12,7 x 0,9	13,4	30,0	28
44042	14 x 0,08	17,8 x 0,9	18,0	50,0	28
44043	16 x 0,08	20,3 x 0,9	20,0	53,0	28
44044	20 x 0,08	25,4 x 0,9	25,0	65,0	28
44045	26 x 0,08	33,0 x 0,9	32,0	75,0	28
44046	34 x 0,08	43,2 x 0,9	43,0	90,0	28
44047	40 x 0,08	50,8 x 0,9	48,0	125,0	28
44048	48 x 0,08	61,0 x 0,9	59,0	145,0	28

Typ D (colour coded)

Part no.	No.cores x cross-sec. mm ²	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
44049	2 x 0,5	3,9 x 1,4	10,0	10,0	20
44050	3 x 0,5	6,4 x 1,4	14,0	14,0	20
44051	4 x 0,5	8,9 x 1,4	19,0	17,0	20
44052	5 x 0,5	11,4 x 1,4	24,0	21,0	20
44053	6 x 0,5	13,9 x 1,4	29,0	25,0	20
44054	7 x 0,5	16,4 x 1,4	34,0	29,0	20
44055	8 x 0,5	18,9 x 1,4	38,0	33,0	20
44056	9 x 0,5	21,4 x 1,4	42,0	37,0	20
44057	10 x 0,5	23,9 x 1,4	48,0	41,0	20
44058	11 x 0,5	26,4 x 1,4	56,0	47,0	20

Standard-colour-code (not to DIN 47100)

1 white	12 white-green	23 brown-blue
2 brown	13 white-yellow	24 brown-red
3 green	14 white-grey	25 brown-black
4 yellow	15 white-pink	26 green-grey
5 grey	16 white-blue	27 green-pink
6 pink	17 white-red	28 green-blue
7 blue	18 white-black	29 green-red
8 red	19 brown-green	30 green-black
9 black	20 brown-yellow	31 yellow-grey
10 violet	21 brown-grey	32 yellow-pink
11 white-brown	22 brown-pink	33 yellow-blue

Dimensions and specifications may be changed without prior notice. (RJ01)