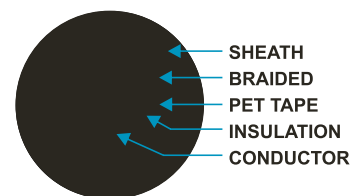


Data Cables

LIYCY UL - Shielded Cables as per UL 2464



Application

- For connections in all fields of measuring and control engineering as well as in signal and impulse technology.
- UL-specifications have to be matched for products which are exported to the American market. The outer jacket is to a very large extent resistant against oils, petrol, and weather-proof as well as UV-resistant by special PVC.
- The screening prevents electrical noise of influences to a large extend.

Properties

- Minimum bending radius : 10 x Cable diameter
- Flame retardant : VW-1, IEC 60332-1

Construction

- Conductor : Tinned or bare stranded flexible copper wire UL-758, UL-2464
- Core insulation : PVC compound as per UL
- Core colour sequence : As per UL
- Laying up : Cores are laid up in layers
- Cover tape : PET tape
- Overall shield : Tinned copper braid, coverage approx. 85%
- Outer jacket : Special PVC, flame retardant acc. UL-VW-1
- Outer jacket colour : Black, RAL 9005

Technical Parameter

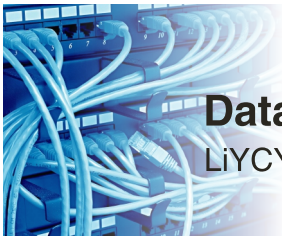
- Temperature Range : Static -30°C to +80°C , Dynamic -15°C to +80°C UL-1569, as per UL2464 only +80°C
- Insulation resistance : > 20 MOhm x km at + 20°C
- Nominal voltage : 300 V
- Test voltage : 1000 V



Dimension

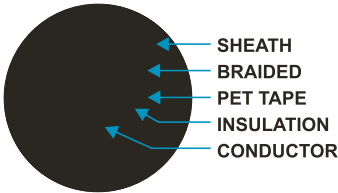
Part Code	No. of Core x AWG	Outer Diameter mm	Cable Wt. kg/km
0909B002802	2 x 28	3.9	21.3
0909B002803	3 x 28	4.1	23.5
0909B002804	4 x 28	4.3	26.9
0909B002806	6 x 28	4.8	33.5
0909B002808	8 x 28	5.1	37.7
0909B002810	10 x 28	5.8	48.4
0909B002812	12 x 28	5.9	49.9
0909B002816	16 x 28	6.5	64.3
0909B002602	2 x 26	4.1	27.0
0909B002603	3 x 26	4.4	30.0
0909B002604	4 x 26	4.6	35.0
0909B002606	6 x 26	5.2	41.0
0909B002608	8 x 26	5.50	49.0
0909B002610	10 x 26	6.20	57.0
0909B002612	12 x 26	6.50	67.0
0909B002616	16 x 26	7.30	78.0
0909B002404	4 x 24	4.90	43.0
0909B002406	6 x 24	5.60	50.0
0909B002408	8 x 24	6.00	64.0
0909B002410	10 x 24	6.80	79.0
0909B002412	12 x 24	7.00	89.0
0909B002416	16 x 24	7.80	104.0
0909B002002	2 x 20	5.10	42.0
0909B002003	3 x 20	5.30	49.0
0909B002004	4 x 20	5.70	60.0
0909B002006	6 x 20	6.60	79.0
0909B002008	8 x 20	7.40	103.0
0909B002010	10 x 20	8.10	120.0
0909B002012	12 x 20	8.50	135.0
0909B002016	16 x 20	9.50	168.0

0909 - Data Cables



Data Cables

LiYCY UL - Shielded Cables as per UL 2464



0909 - Data Cables

Dimension				
Part Code	Dimension # Core x AWG	Outer Diameter approx. mm	weight kg/km	Cable-weight kg/km
0909B002404	4 x AWG 24	4,90	43,0	17,1
0909B002406	6 x AWG 24	5,60	50,0	22,6
0909B002408	8 x AWG 24	6,00	64,0	31,1
0909B002410	10 x AWG 24	6,80	79,0	37,1
0909B002412	12 x AWG 24	7,00	89,0	43,2
0909B002416	16 x AWG 24	7,80	104,0	58,8
0909B002002	2 x AWG 20	5,10	42,0	19,5
0909B002003	3 x AWG 20	5,30	49,0	26,2
0909B002004	4 x AWG 20	5,70	60,0	32,8
0909B002006	6 x AWG 20	6,60	79,0	45,6
0909B002008	8 x AWG 20	7,40	103,0	61,2
0909B002010	10 x AWG 20	8,10	120,0	75,6
0909B002012	12 x AWG 20	8,50	135,0	99,6
0909B002016	16 x AWG 20	9,50	168,0	120,2

