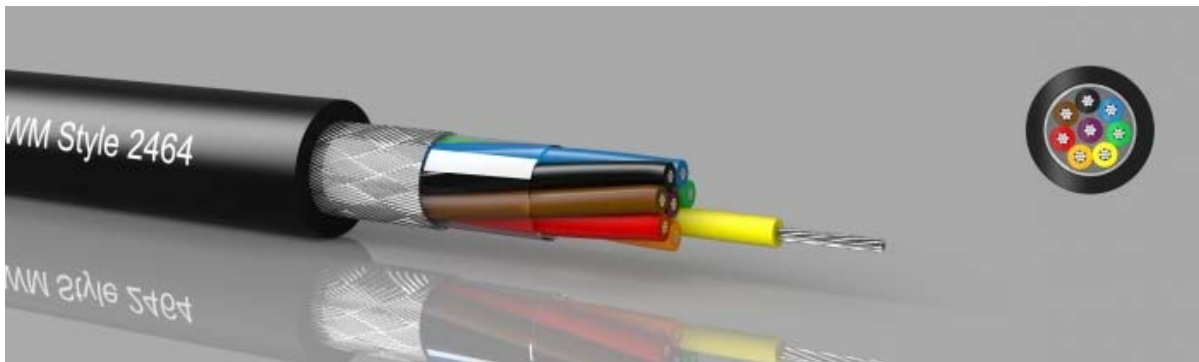


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Control cables acc. to UL

UL-LiYCY, shielded, Style 2464/1061



Application:

For connections in all fields of the 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. Because of SR-PVC is used as core insulation this model is very suitable for gumption clamping technology (e.g. LSA+). The outer jacket is to a very large extend 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.

Construction:

Conductor:	tinned stranded copper wire		
Cross section (AWG / qmm)	26 / 0,14	24 / 0,22	20 / 0,56
Structure of conductor (mm)	7x0,16	7x0,20	7x0,32
Core diameter (approx. mm)	1,0	1,2	1,5
Core insulation:	Semi-Rigid-PVC		
Color sequence:	international color code		
Twisting:	cores in layers		
Shield:	tinned copper braid, approx. 85% coverage		
Jacket:	Special PVC, black sim. RAL 9005 flame retardant acc. to UL-VW-1		

Technical characteristics:

Insulation resistance:	min. 100 MOhm x km at +20°C
Operating voltage:	300V
Testing voltage:	1500V

Cross section (AWG / qmm)	26 / 0,14	24 / 0,22	20 / 0,56
Conductor resistance (Ohm/km)	max. 130	max. 88	max. 32
Capacity (approx. pF/m)	120	130	160
Current capacity A* (at +25°C)	1,5	2,1	5,0
(* if one core per cabel is loaded)			
Temperature range:	static: -30°C to +80°C		
	dynamic: -15°C to +80°C		
Bending radius:	15x O.D.		

Packaging:

rings at 100m, reels at 500m



Important product information

Available also in other jacket colours.

Product range

UL-LiYCY, shielded, Style 2464/1061

Order no.	dimension AWG/ qmm	O.D. ca. mm	weight kg/km	co.-weight kg/km
096022609	2xAWG 26	4,1	27	8,9
096032609	3xAWG 26	4,4	30	11,5
096042609	4xAWG 26	4,6	35	12,8
096062609	6xAWG 26	5,2	40	18,0
096082609	8xAWG 26	5,5	49	23,2
096102609	10xAWG 26	6,2	57	27,7
096122609	12xAWG 26	6,5	67	32,2
096162609	16xAWG 26	7,1	78	45,0
096022409	2xAWG 24	4,4	31	11,6
096032409	3xAWG 24	4,6	35	13,7
096042409	4xAWG 24	4,9	43	17,1
096062409	6xAWG 24	5,6	50	22,6
096082409	8xAWG 24	6,0	64	31,1
096102409	10xAWG 24	6,8	79	37,1
096122409	12xAWG 24	7,0	89	43,2
096162409	16xAWG 24	7,8	104	58,8
096022009	2xAWG 20	5,1	42	19,5
096032009	3xAWG 20	5,3	49	26,2
096042009	4xAWG 20	5,7	60	32,8
096062009	6xAWG 20	6,6	79	45,6
096082009	8xAWG 20	7,1	103	61,2
096102009	10xAWG 20	8,1	120	75,6
096122009	12xAWG 20	8,5	135	99,6

096162009

16xAWG 20

9,5

168

120,2
