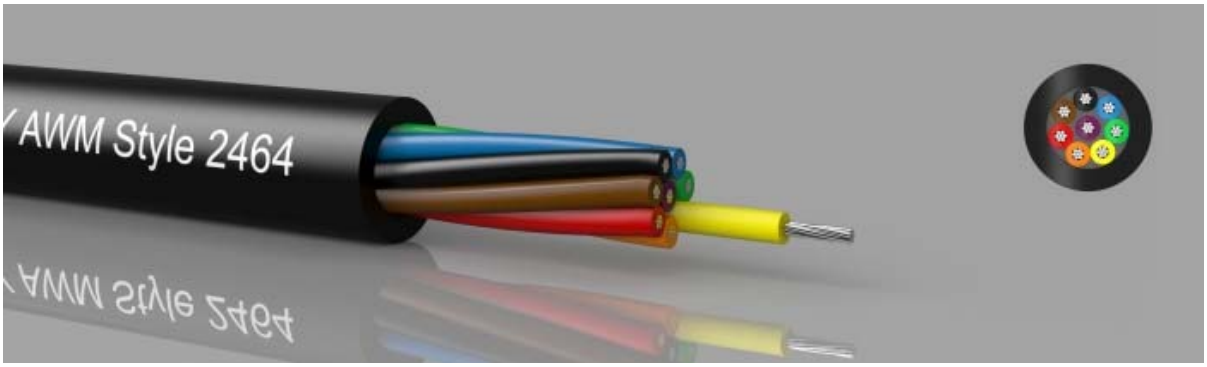
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Contol cables acc. to UL

UL-LiYY, unshielded, Style 2464/1061



Application:

For connections in all fields of measuring and control engineering as well as in the 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 extent resistant against oils, petrol- and weather-proof as well as uv-resistant by special-pvc.

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		
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

Capacity (approx. pF/m)	120	130	160
Current capacity A* (at + 25° C)	1,5	2,1	5

(* if one core per cable 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

Our control-cables acc. to UL will be delivered with an approved jacket imprint.

Product range

UL-LiYY, unshielded, Style 2464/1061

Order no.	dimension (AWG/ qmm)	O.D. (ca. mm)	weight (kg/km)	co.-weight (kg/km)
095022609	2xAWG 26	3,6	16	2,8
095032609	3xAWG 26	3,8	19	4,1
095042609	4xAWG 26	4,1	22	5,5
095062609	6xAWG 26	4,7	30	8,2
095082609	8xAWG 26	5,1	35	11,0
095102609	10xAWG 26	5,8	42	13,7
095022409	2xAWG 24	4,0	17	4,3
095032409	3xAWG 24	4,2	25	6,4
095042409	4xAWG 24	4,5	29	8,6
095062409	6xAWG 24	5,2	37	12,8
095082409	8xAWG 24	5,5	45	17,1
095102409	10xAWG 24	6,3	53	21,4
095022009	2xAWG 20	4,6	28	11,0
095032009	3xAWG 20	4,9	36	16,4
095042009	4xAWG 20	5,4	47	21,9
095062009	6xAWG 20	6,1	64	32,8
095082009	8xAWG 20	6,8	79	43,7
095102009	10xAWG 20	7,8	95	54,6