

# FL R1,27 AWG28 UL 2651 OVAL

Flat Ribbon Cable, Pitch 1,27 mm

acc to UL AWM, Style 2651 (105°C, 300V) / CSA C22.2 No. 210

"Oval profile"

## APPLICATION

Flat Cable, using directly with IDC-connectors

## CONSTRUCTION

<b>Conductor</b>	Tin-plated copper
<b>Stranding</b>	7 x 0,127 mm
<b>Insulation</b>	Special PVC (105°C)
<b>Colour</b>	grey, similar to RAL 7032
<b>Polarity marker</b>	red
<b>Pitch</b>	1,27 mm
<b>Bridge</b>	0,23 mm
<b>Thickness</b>	0,93 mm
<b>Surface marking</b>	acc to UL / CSA (File- and Style-No.)

## TECHNICAL DATA

<b>Test voltage</b>	2000 V
<b>Insulation resistance</b>	min 20 MOhm*km
<b>Conductor resistance</b>	max. 216 Ohm/km
<b>Operating voltage</b>	300 V
<b>Temperature range static</b>	-30°C to +105°C -40°C to +105°C (ISO 6722)
<b>Temperature range operating</b>	-10°C to +105°C
<b>Bending radius once/repeated</b>	5 x / 15 x Thickness
<b>Flame retardant</b>	acc to UL VW-1 / CSA FT1
<b>Capacitance C/S</b>	appr. 55 pF/m
<b>Impedance</b>	appr. 100 Ohm

No of Cores	Copper Index (kg/km)	Total pitch (appr. mm)	Width (appr. mm)	P/N
2	1,8	1,27	2,54	05087202
3	2,7	2,54	3,81	05087203
4	3,6	3,81	5,08	05087204
6	5,4	6,35	7,62	05087206
8	7,2	8,89	10,16	05087208
9	8,1	10,16	11,43	05087209
10	9	11,43	12,70	05087210
12	10,8	13,97	15,24	05087212
14	12,6	16,51	17,78	05087214
15	13,5	17,78	19,05	05087215
16	14,4	19,05	20,32	05087216
18	16,2	21,59	22,86	05087218
20	18	24,13	25,40	05087220
24	21,6	29,21	30,48	05087224
25	22,5	30,48	31,75	05087225
26	23,4	31,75	33,02	05087226
28	25,2	34,29	35,56	05087228
30	27	36,83	38,10	05087230
34	30,6	41,91	43,18	05087234
36	32,4	44,45	45,72	05087236
37	33,3	45,72	46,99	05087237
40	36	49,53	50,80	05087240
50	45	62,23	63,50	05087250
60	54	74,93	76,20	05087260
64	57,6	80,01	81,28	05087264