



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

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

TECHNICAL DATA

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

REMARKS

Round profile: Klasing P/N: 050066xx

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

