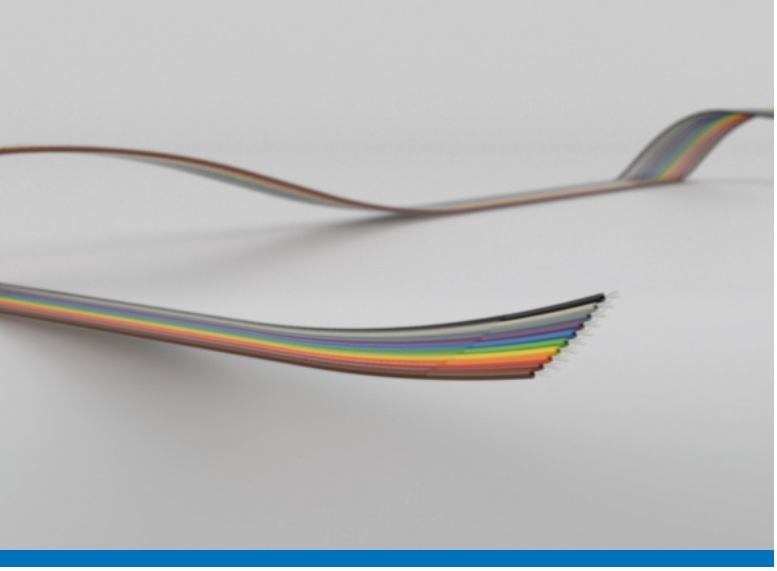

FBL / FBL-ZGL R1,27 AWG28 UL 2651

Rainbow-coloured flat ribbon cable
AWG 28, Pitch 1,27 mm,
acc to UL AWM, Style 2651 / CSA C22.2 No.210

APPLICATION

Flat cable for using directly with IDC-connectors

CONSTRUCTION

Conductor	Tin-plated copper
Stranding	7 x 0,127 mm
Insulation	Special PVC (105°C)
Colours	IC-Colour code (see techn. information)
Insulation	PVC clear
Pitch	1,27 mm
Thickness	1,00
Surface marking	optional

TECHNICAL DATA

Test voltage	2000 V
Insulation resistance	min 20 MOhm*km
Conductor resistance	max 215 Ohm/km
	max 230 Ohm/km (ZGL)
Operating voltage	300 V
Temperature range static	-30°C to +105°C
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. 60 pF/m
Impedance	appr. 100 Ohm

REMARKS

Available in other sizes and pitch sizes

No of Cores	Copper Index (kg/km)	Total pitch (appr. mm)	Width (appr. mm)	P/N
2	1,8	1,27	2,27	05006902
3	2,7	2,54	3,54	05006903
4	3,6	3,81	4,81	05006904
5	4,5	5,08	6,08	05006905
6	5,4	6,35	7,35	05006906
8	7,2	8,89	9,89	05006908
10	9	11,43	12,43	05006910
12	10,8	13,97	14,97	05006912
14	12,6	16,51	17,51	05006914
16	14,4	19,05	20,05	05006916
18	16,2	21,59	22,59	05006918
20	18	24,13	25,13	05006920
24	21,6	29,21	30,21	05006924
25	22,5	30,48	31,48	05006925
26	23,4	31,75	32,75	05006926
28	25,2	34,29	35,29	05006928
32	28,8	39,37	40,37	05006932
34	30,6	41,91	42,91	05006934
36	32,4	44,45	45,45	05006936
37	33,3	45,72	46,72	05006937
40	36	49,53	50,53	05006940
50	45	62,23	63,23	05006950
60	54	74,93	75,93	05006960
64	57,6	80,01	81,01	05006964
2 (ZGL)	1,8	1,27	2,27	05007002
3 (ZGL)	2,7	2,54	3,54	05007003
4 (ZGL)	3,6	3,81	4,81	05007004
6 (ZGL)	5,4	6,35	7,35	05007006
8 (ZGL)	7,2	8,89	9,89	05007008
10 (ZGL)	9	11,43	12,43	05007010
12 (ZGL)	10,8	13,97	14,97	05007012
16 (ZGL)	14,4	19,05	20,05	05007016
20 (ZGL)	18	24,13	25,13	05007020