



Flat ribbon cable AWG 28/19, 2-50pole, pitch 1,27mm, UL 2651

Construction

- Conductor: El-Cu-strand, tinned
- Stranding: AWG 28 - 19 x 0,079 mm
- Insulation: PVC 105°C
- Colour: optional (Standard: grey RAL 7032)
- Side stripe: to choice, normally: red
- Min. wall thickness: 0,178 mm
- Middle wall thickness: 0,228 mm
- Pitch: 1,27 ± 0,05 mm
- Ø: 0,93 ± 0,05 mm
- Bridge: 0,23 ± 0,05 mm
- Shore hardness (A): 94 ± 3
- Printing: acc. to UL/CSA (File- and Style-No.), optional

Technical Datas

- Dielectric strength: > 2 kV bei 50 Hz. eff. over 1 Min.
- Insulation resistance: min. 20 MOhm x km at 20°C
- Conductor resistance: max. 216 Ω/km at 20°C
- Capacity: max. 60 pf/m
- Current rating: max. 1,8 A at 25°C
- Operating voltage: max. 300 V
- Temperature range:
 - range static: -30°C to +105°C (-40°C acc. to ISO 6722)
 - range moved: -10°C to +105°C (-40°C acc. to ISO 6722)
- Bending cycles: min. 50 million at 30 mm bending radius

Properties

- flame retardant acc. to UL VW-1/ CSA FT-1

No.of cores	Total width mm	Total pitch mm	Article no.
2	2,20 ± 0,10	1,27 ± 0,05	990502
3	3,47 ± 0,10	2,54 ± 0,10	990503
4	4,74 ± 0,10	3,81 ± 0,10	990504
5	6,01 ± 0,15	5,08 ± 0,15	990505
6	7,28 ± 0,15	6,35 ± 0,15	990506
7	8,55 ± 0,15	7,62 ± 0,15	990507
8	9,82 ± 0,15	8,89 ± 0,15	990508

No.of cores	Total width mm	Total pitch mm	Article no.
9	11,09 ± 0,20	10,16 ± 0,20	990509
10	12,36 ± 0,20	11,43 ± 0,20	990510
11	13,63 ± 0,20	12,70 ± 0,20	990511
12	14,90 ± 0,20	13,97 ± 0,20	990512
13	16,17 ± 0,20	15,24 ± 0,20	990513
14	17,44 ± 0,20	16,51 ± 0,20	990514
15	18,71 ± 0,20	17,78 ± 0,20	990515
16	19,98 ± 0,20	19,05 ± 0,20	990516
17	21,25 ± 0,20	20,32 ± 0,20	990517
18	22,52 ± 0,20	21,59 ± 0,20	990518
19	23,79 ± 0,20	22,86 ± 0,20	990519
20	25,06 ± 0,20	24,13 ± 0,20	990520
21	26,33 ± 0,25	25,40 ± 0,25	990521
22	27,60 ± 0,25	26,67 ± 0,25	990522
23	28,87 ± 0,25	27,94 ± 0,25	990523
24	30,14 ± 0,30	29,21 ± 0,30	990524
25	31,41 ± 0,30	30,48 ± 0,30	990525
26	32,68 ± 0,30	31,75 ± 0,30	990526
27	33,95 ± 0,30	33,02 ± 0,30	990527
28	35,22 ± 0,30	34,29 ± 0,30	990528
29	36,49 ± 0,30	35,56 ± 0,30	990529
30	37,76 ± 0,30	36,83 ± 0,30	990530
31	39,03 ± 0,30	38,10 ± 0,30	990531
32	40,30 ± 0,30	39,37 ± 0,30	990532
33	41,57 ± 0,30	40,64 ± 0,30	990533

No.of cores	Total width mm	Total pitch mm	Article no.
34	42,84 ± 0,30	41,91 ± 0,30	990534
35	44,11 ± 0,30	43,18 ± 0,30	990535
36	45,38 ± 0,40	44,45 ± 0,40	990536
37	46,65 ± 0,40	45,72 ± 0,40	990537
38	47,92 ± 0,40	46,99 ± 0,40	990538
39	49,19 ± 0,40	48,26 ± 0,40	990539
40	50,46 ± 0,40	49,53 ± 0,40	990540
50	63,16 ± 0,50	62,23 ± 0,50	990550

- Further formats available on request
- All data and products subject to change