Cables for insulation displacement termination

Flat cable

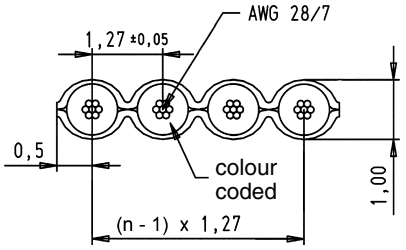
colour coded

Length per reel
30.48 m (100 feet)

UL AWM-style 2651

No. of contacts	Part No.
6	09 18 006 7005
9	09 18 009 7005
10	09 18 010 7005
14	09 18 014 7005
15	09 18 015 7005
16	09 18 016 7005
18	09 18 018 7005
20	09 18 020 7005
24	09 18 024 7005
25	09 18 025 7005
26	09 18 026 7005
28	09 18 028 7005
30	09 18 030 7005
34	09 18 034 7005
37	09 18 037 7005
40	09 18 040 7005
50	09 18 050 7005
60	09 18 060 7005
64	09 18 064 7005

Drawing



Dimensions in mm

Colour code sequence (in 10 steps)

brown, red, orange, yellow, green, blue, violet, grey, white, black

Conductor material	Copper tinned
Gauge	AWG 28/7 0.09 mm²
Voltage rating	300 $V_{r.m.s.}$
Current rating at 25 °C	2.1 A max.
Conductor resistance	221 mΩ/m
Capacity unbalanced	42.7 pF/m
Impedance unbalanced	105 Ω
Inductance unbalanced	0.68 µH/m
Signal delay	4.9 ns/m
Insulation material	PVC
Temperature rating (operating)	–20 °C … + 105 °C
Temperature rating (static)	–30 °C … + 105 °C
Flammability rating	UL: VW 1
Insulation resistance	100 MΩ/km

Flat cable

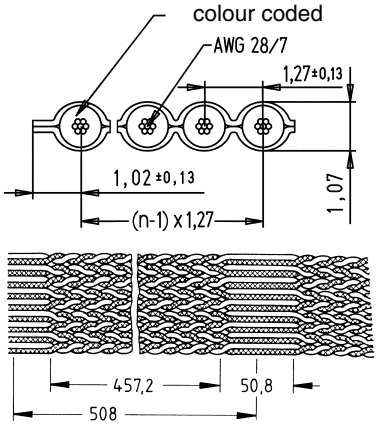
twisted pair

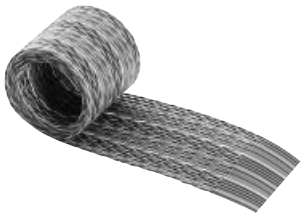
Length per reel
30.48 m (100 feet)

UL AWM-style 20130

No. of contacts	Part No.
10	09 18 010 7006
14	09 18 014 7006
16	09 18 016 7006
20	09 18 020 7006
26	09 18 026 7006
34	09 18 034 7006
40	09 18 040 7006
50	09 18 050 7006
60	09 18 060 7006
64	09 18 064 7006

Drawing





Conductor material	Copper tinned
Gauge	AWG 28/7 0.089 mm²
Voltage rating	300 $V_{r.m.s.}$
Conductor resistance	221 mΩ/m
Capacity unbalanced	49 pF/m
Impedance unbalanced	105 Ω
Signal delay	5.2 ns/m
Insulation material	PVC
Temperature rating	–20 °C … + 105 °C
Flammability rating	UL: VW 1
Insulation resistance	10^4 MΩ/km

Important: always store reel vertically