

Cables for insulation displacement termination

Identification	No. of contacts	Part number	Drawing	Dimensions in mm
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Round flat cable

with screening (shielding) UL listed PLCC CL2 CSA certified AWM FT-1	9	09 18 009 70	<p>① Flat cable, AWG 28/7 ② Aluminium / Polyester tape (spiral wrap) ③ 85 % minimum coverage tinned copper braid ④ Outer jacket: black PVC</p>	∅ max.	6.86
	10	09 18 010 70		6.86	
	14	09 18 014 70		7.37	
	15	09 18 015 70		7.62	
	16	09 18 016 70		7.87	
	20	09 18 020 70		8.38	
	25	09 18 025 70		9.14	
	26	09 18 026 70		9.14	
	34	09 18 034 70		10.16	
	37	09 18 037 70		10.41	
	40	09 18 040 70		10.92	
	50	09 18 050 70		12.19	
	60	09 18 060 70		13.21	
	64	09 18 064 70		13.46	

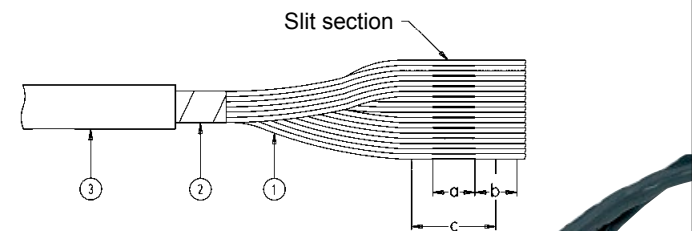
Length per reel

30.48 m (100 feet) 07

100 m (328 feet) 10<sup>1)</sup>

without screening (shielding) UL listed PLCC CL2 CSA certified AWM FT-1	9	09 18 009 7008	<p>① Flat cable, AWG 28/7 ② Clear polyester ③ Outer jacket: black PVC</p>	∅ max.	6.35
	10	09 18 010 7008		6.35	
	14	09 18 014 7008		6.60	
	15	09 18 015 7008		6.86	
	16	09 18 016 7008		7.11	
	20	09 18 020 7008		7.62	
	25	09 18 025 7008		8.38	
	26	09 18 026 7008		8.38	
	34	09 18 034 7008		9.40	
	37	09 18 037 7008		9.65	
	40	09 18 040 7008		10.16	
	50	09 18 050 7008		11.43	
	60	09 18 060 7008		12.45	
	64	09 18 064 7008		12.70	

Length per reel  
30.48 m (100 feet)



- ① Flat cable, AWG 28/7
- ② Clear polyester
- ③ Outer jacket: black PVC

No. of contacts	a	b	c
9 to 26	19.05	19.05	38.10
34 to 64	38.10	19.05	57.15

Conductor material	Copper tinned
Gauge	AWG 28/7 0.089 mm <sup>2</sup>
Voltage rating	300 V <sub>r.m.s.</sub>
Conductor resistance	225 mΩ/m
Capacity unbalanced	78.7 pF/m
Impedance unbalanced	75 Ω
Signal delay	5.25 ns/m nom.
Insulation material	PVC
Temperature rating	-20 °C ... +105 °C
Flammability rating	UL: VW 1
Insulation resistance	10 <sup>4</sup> MΩ/km

\* Not normally kept in stock  
<sup>1)</sup> Only available for 10, 14, 37, 40 and 64 contacts  
 Important: always store reels vertically