

## Cables for insulation displacement termination

Identification	No. of contacts	Part No.	Drawing	Dimensions in mm												
<b>Round flat cable</b>																
ø max.																
with screening (shielding)	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>	6.86												
	10	09 18 010 70		6.86												
	14	09 18 014 70		7.37												
	15	09 18 015 70		7.62												
	UL listed PLCC CL2 CSA certified AWM FT-1	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*															
without screening (shielding)	9	09 18 009 70	<p>① Flat cable, AWG 28/7 ② Clear polyester ③ Outer jacket: black PVC</p>	6.35												
	10	09 18 010 70		6.35												
	14	09 18 014 70		6.60												
	15	09 18 015 70		6.86												
	UL listed PLCC CL2 CSA certified AWM FT-1	16		09 18 016 70	7.11											
	20	09 18 020 70		7.62												
	25	09 18 025 70		8.38												
	26	09 18 026 70		8.38												
	34	09 18 034 70		9.40												
	37	09 18 037 70		9.65												
	40	09 18 040 70		10.16												
	50	09 18 050 70		11.43												
	60	09 18 060 70		12.45												
	64	09 18 064 70		12.70												
Length per reel																
30.48 m (100 feet)	08															
100 m (328 feet)	11*															
<table border="1"> <thead> <tr> <th>No. of contacts</th> <th>a</th> <th>b</th> <th>c</th> </tr> </thead> <tbody> <tr> <td>9 to 26</td> <td>19.05</td> <td>19.05</td> <td>38.10</td> </tr> <tr> <td>34 to 64</td> <td>38.10</td> <td>19.05</td> <td>57.15</td> </tr> </tbody> </table>					No. of contacts	a	b	c	9 to 26	19.05	19.05	38.10	34 to 64	38.10	19.05	57.15
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9 to 26	19.05	19.05	38.10													
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<p>Conductor material _____ Copper tinned</p> <p>Gauge _____ AWG 28/7 0.089 mm<sup>2</sup></p> <p>Voltage rating _____ 300 V<sub>r.m.s.</sub></p> <p>Conductor resistance _____ 225 mΩ/m</p> <p>Capacity unbalanced _____ 78.7 pF/m</p> <p>Impedance unbalanced _____ 75 Ω</p> <p>Signal delay _____ 5.25 ns/m nom.</p> <p>Insulation material _____ PVC</p> <p>Temperature rating _____ -20 °C ... + 105 °C</p> <p>Flammability rating _____ UL: VW 1</p> <p>Insulation resistance _____ 10<sup>4</sup> MΩ/km</p>																

\* Not normally kept in stock  
Important: always store reels vertically