

5

4

3

2

1

Edge mark on first conductor

20,32

1,27 ±0,08

AWG 28/7

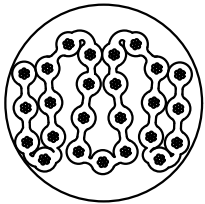
Grey

0,89 ±0,08

Cross section at flat

0,64 ±0,18

15 x 1,27 = 19,05 ±0,28



∅ 7,87

Slit section

19,5 19,5

38,10

4

3

2

1

① : Flat cable, AWG 28/7

② : Aluminium / Polyester tape (spiral wrap)

③ : 85% minimum coverage tinned copper braid

④ : Outer jacket: black PVC

Wire ————— Tinned copper

Gauge ————— AWG 28/7 0,089 mm²

Voltage rating ————— 300 Vr.m.s

Current rating ————— 1,3 A at 10°C rise
above ambient

Capacity unbalanced ————— 78,7 pF/m nominal at 1MHz

Impedance unbalanced ————— 75 Ω nominal

Conductor resistance ————— 225 mΩ/m

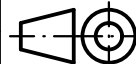
Propagation delay ————— 5,25 ns/m nominal

Insulation material ————— PVC

Temperature rating ————— -20°C (operating) | to +105°C
-30°C (static)

Insulation resistance ————— 10 000 MΩ/km

Approvals ————— UL Listed PLCC-CL2
CSA Certified AWM FT-1

				Det.	Name	 All Dim. in mm Orig. Size DIN A 4	SEK 18 round flat cable, shielded, 16 poles	Maßstab/ Scale
			Detail.	12/10/05	JMDR			
			Insp.					
EC01911	25/05/10	SC	Stand.					
34608	19/09/07	PK	HARTING EURL F-95972 Paris				TB 09 18 016 70XX	Blatt/ Page 1 / 2
33239	12/10/05	JMDR						
Mod.	Det.	Name						

09 18 016 7010	100 m (328 feet)
09 18 016 7007	30,48 m (100 feet)
Part number	Length per reel

Mouser Electronics

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HARTING:

[09180167007](#) [09180167010](#)