

5

4

3

2

1

Edge mark on first conductor

50,80

1,27 ± 0,08

AWG 28/7

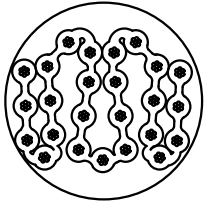
Grey

0,89 ± 0,08

Cross section at flat

0,64 ± 0,18

39 x 1,27 = 49,53 ± 0,38



Wire ————— Tinned copper  
 Gauge ————— AWG 28/7 0,089 mm<sup>2</sup>  
 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

Slit section

∅ 10,92

38,10 19,5  
 57,15

- ① : Flat cable, AWG 28/7
- ② : Aluminium / Polyester tape (spiral wrap)
- ③ : 85% minimum coverage tinned copper braid
- ④ : Outer jacket: black PVC

|         |          |      |                               |          |      |                                                                                                                               |                                                                                       |                   |                      |
|---------|----------|------|-------------------------------|----------|------|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------|----------------------|
|         |          |      |                               | Det.     | Name | <br>All Dim. in mm<br>Orig. Size DIN A 4 | SEK 18 round flat cable,<br>shielded, 40 poles                                        | Maßstab/<br>Scale |                      |
|         |          |      | Detail.                       | 12/10/05 | JMDR |                                                                                                                               |                                                                                       |                   |                      |
|         |          |      | Insp.                         |          |      |                                                                                                                               |                                                                                       |                   |                      |
| EC01911 | 25/05/10 | SC   | Stand.                        |          |      |                                                                                                                               |                                                                                       |                   |                      |
| 34608   | 20/09/07 | PK   | HARTING EURL<br>F-95972 Paris |          |      |                                                                                                                               |  | TB 09 18 040 70XX | Blatt/ Page<br>1 / 2 |
| 33239   | 12/10/05 | JMDR |                               |          |      |                                                                                                                               |                                                                                       |                   |                      |
| Mod.    | Det.     | Name |                               |          |      |                                                                                                                               |                                                                                       |                   |                      |

|                |                    |
|----------------|--------------------|
| 09 18 040 7010 | 100 m (328 feet)   |
| 09 18 040 7007 | 30,48 m (100 feet) |
| Part number    | Length per reel    |