

Cables for insulation displacement termination

Identification	No. of pairs	Part No.	
		Standard version	Halogen free version with screened pairs
Twisted pair cable with braid shield AWG 28 AWG 30 Length per reel: 100 m	5	60 90 005 6010	60 90 005 6009
	10	60 90 010 6010	
	13	60 90 013 6010	
	18	60 90 018 6010	
	25	60 90 025 6010	
	34	60 90 034 6010	
	50	60 90 050 6010	

**Drawing**

No. of pairs	Outside diameter
	Nominal
5	5.4
10	6.6
13	6.8
18	7.5
25	8.5
34	8.9
50	11.1

No. of pairs	Outside diameter
5	5.5 ± 0.3

Dimensions in mm

	Standard version	Halogen free version with screened pairs
	Number of pairs	5, 10, 13, 18, 25, 34, 50
Voltage rating	30 V (style UL 2789)	100 V
Maximum conductor resistance (20 °C)	233 Ω/km	350 Ω/km
Minimum insulation resistance (20 °C)	1 MΩ/km	10 GΩ/km
Nominal differential impedance (TDR)	85 Ω	95 Ω ± 5 Ω
Nominal differential capacitance (1 kHz)	110 pF/m	45 pF/m
Propagation velocity	55 %	
Temperature range	- 20 °C ... + 105 °C	- 25 °C ... + 80 °C
<b>Cable materials</b>		
Conductor	7 x 0.13 mm stranded tinned copper	7 x 0.1 mm stranded tinned copper
Insulation (except 50 pairs) (for 50 pairs)	PVC Ø 0.62 mm PVC Ø 0.67 mm	Polypropylene Ø 0.74 mm
Shield	Tinned copper braid, covering ≥ 80 %	Tinned copper braid, covering ≥ 65 %
Jacket	PVC	FRNC
Flammability rating	Flame tested as per UL style 2789	
Sheath marking	AWM 2789 60°C 30V	AWM 21283 80°C 30V VW1

Thin print: Standard version  
Italic print: Halogen free version