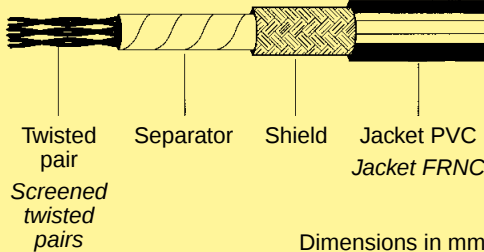


Cables for insulation displacement termination

Identification	No. of pairs	Standard version	Part No. <i>Halogen free version with screened pairs</i>																					
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	<table><tr><th rowspan="2">No. of pairs</th><th>Outside diameter</th></tr><tr><th>Nominal</th></tr><tr><td>5</td><td>5.4</td></tr><tr><td>10</td><td>6.6</td></tr><tr><td>13</td><td>6.8</td></tr><tr><td>18</td><td>7.5</td></tr><tr><td>25</td><td>8.5</td></tr><tr><td>34</td><td>8.9</td></tr><tr><td>50</td><td>11.1</td></tr></table> <table><tr><th>No. of pairs</th><th>Outside diameter</th></tr><tr><td>5</td><td>5.5 ± 0.3</td></tr></table>  Twisted pair Screened twisted pairs Separator Shield Jacket PVC Jacket FRNC Dimensions in mm			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
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No. of pairs	Outside diameter																							
5	5.5 ± 0.3																							
Technical characteristics																								
	Standard version	<i>Halogen free version with screened pairs</i>																						
Number of pairs	5, 10, 13, 18, 25, 34, 50	5																						
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																						
Cable materials																								
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