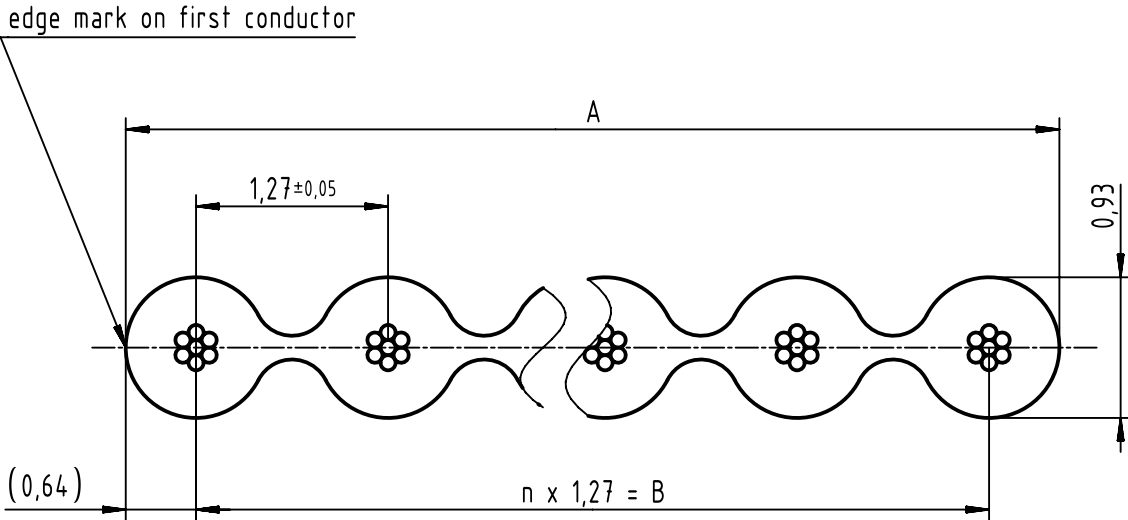


1		2		3		4		5		6		7		8																																																																															
<table><tr><th>part number</th><th>pole number</th><th>length per reel</th><th>A</th><th>n x 1,27 = B</th></tr><tr><td>09 18 006 7001 900</td><td>6</td><td rowspan="19">30,48 m (100 feet)</td><td>7,28 ±0,15</td><td>5 x 1,27 = 6,35 ±0,15</td></tr><tr><td>09 18 009 7001 900</td><td>9</td><td>11,09 ±0,2</td><td>8 x 1,27 = 10,16 ±0,2</td></tr><tr><td>09 18 010 7001 900</td><td>10</td><td>12,36 ±0,2</td><td>9 x 1,27 = 11,43 ±0,2</td></tr><tr><td>09 18 014 7001 900</td><td>14</td><td>17,44 ±0,2</td><td>13 x 1,27 = 16,51 ±0,2</td></tr><tr><td>09 18 015 7001 900</td><td>15</td><td>18,71 ±0,2</td><td>14 x 1,27 = 17,78 ±0,2</td></tr><tr><td>09 18 016 7001 900</td><td>16</td><td>19,98 ±0,2</td><td>15 x 1,27 = 19,05 ±0,2</td></tr><tr><td>09 18 018 7001 900</td><td>18</td><td>22,52 ±0,2</td><td>17 x 1,27 = 21,59 ±0,2</td></tr><tr><td>09 18 020 7001 900</td><td>20</td><td>25,06 ±0,2</td><td>19 x 1,27 = 24,13 ±0,2</td></tr><tr><td>09 18 024 7001 900</td><td>24</td><td>30,14 ±0,25</td><td>23 x 1,27 = 29,21 ±0,25</td></tr><tr><td>09 18 025 7001 900</td><td>25</td><td>31,41 ±0,25</td><td>24 x 1,27 = 30,48 ±0,25</td></tr><tr><td>09 18 026 7001 900</td><td>26</td><td>32,68 ±0,25</td><td>25 x 1,27 = 31,75 ±0,25</td></tr><tr><td>09 18 028 7001 900</td><td>28</td><td>35,22 ±0,3</td><td>27 x 1,27 = 34,29 ±0,3</td></tr><tr><td>09 18 034 7001 900</td><td>34</td><td>42,84 ±0,3</td><td>33 x 1,27 = 41,91 ±0,3</td></tr><tr><td>09 18 037 7001 900</td><td>37</td><td>46,65 ±0,3</td><td>36 x 1,27 = 45,72 ±0,3</td></tr><tr><td>09 18 040 7001 900</td><td>40</td><td>50,46 ±0,3</td><td>39 x 1,27 = 49,53 ±0,3</td></tr><tr><td>09 18 050 7001 900</td><td>50</td><td>63,16 ±0,4</td><td>49 x 1,27 = 62,23 ±0,4</td></tr><tr><td>09 18 060 7001 900</td><td>60</td><td>75,86 ±0,5</td><td>59 x 1,27 = 74,93 ±0,5</td></tr><tr><td>09 18 064 7001 900</td><td>64</td><td>80,94 ±0,5</td><td>63 x 1,27 = 80,01 ±0,5</td></tr></table>																part number	pole number	length per reel	A	n x 1,27 = B	09 18 006 7001 900	6	30,48 m (100 feet)	7,28 ±0,15	5 x 1,27 = 6,35 ±0,15	09 18 009 7001 900	9	11,09 ±0,2	8 x 1,27 = 10,16 ±0,2	09 18 010 7001 900	10	12,36 ±0,2	9 x 1,27 = 11,43 ±0,2	09 18 014 7001 900	14	17,44 ±0,2	13 x 1,27 = 16,51 ±0,2	09 18 015 7001 900	15	18,71 ±0,2	14 x 1,27 = 17,78 ±0,2	09 18 016 7001 900	16	19,98 ±0,2	15 x 1,27 = 19,05 ±0,2	09 18 018 7001 900	18	22,52 ±0,2	17 x 1,27 = 21,59 ±0,2	09 18 020 7001 900	20	25,06 ±0,2	19 x 1,27 = 24,13 ±0,2	09 18 024 7001 900	24	30,14 ±0,25	23 x 1,27 = 29,21 ±0,25	09 18 025 7001 900	25	31,41 ±0,25	24 x 1,27 = 30,48 ±0,25	09 18 026 7001 900	26	32,68 ±0,25	25 x 1,27 = 31,75 ±0,25	09 18 028 7001 900	28	35,22 ±0,3	27 x 1,27 = 34,29 ±0,3	09 18 034 7001 900	34	42,84 ±0,3	33 x 1,27 = 41,91 ±0,3	09 18 037 7001 900	37	46,65 ±0,3	36 x 1,27 = 45,72 ±0,3	09 18 040 7001 900	40	50,46 ±0,3	39 x 1,27 = 49,53 ±0,3	09 18 050 7001 900	50	63,16 ±0,4	49 x 1,27 = 62,23 ±0,4	09 18 060 7001 900	60	75,86 ±0,5	59 x 1,27 = 74,93 ±0,5	09 18 064 7001 900	64	80,94 ±0,5	63 x 1,27 = 80,01 ±0,5
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conductor	material	tinned copper
	gauge	AWG 28/7

insulation	material	non-halogenated Polyolefin
	colour	grey (RAL 7032)
	polarity marker	blue

technical data	test voltage	> 1,5 kV at 50 Hz eff. over 1 minute
	insulation resistance	min. 20 MΩ/km at 20°C
	conductor resistance	max. 220 Ω/km at 20°C
	inductance	app. 1,1 µH/m at 1 KHz
	capacitance A/A	app. 35 pF/m at 1 kHz
	capacitance (GSG)	app. 55 pF/m at 1 kHz
	impedance (GSG)	app. 110Ω at 1MHz
	operating voltage	max. 300 V
	temperature rating	static -40°C to +105°C
		operating -20°C to +105°C
	flame resistant	acc. to UL 1581 (horizontal flame test)
	approvals	acc. to UL AWM, Style 21151

	All Dimensions in mm Original Size DIN A3		Scale 20:1		Free size tol.		Ref.						
							Sub. TB 09 18 006 7001 900 - TB 09 18 064 7001 900						
	All rights reserved		Created by STORCK		Inspected by TADJE		Standardisation HOFFMANN		Date 2020-06-19		State Final Release		
	Department EL PD												
HARTING Electronics GmbH D-32339 Espelkamp			Title SEK halogen free flat cable AWG28/7 (grey)									Doc-Key / ECM-Nr. 100790562/UGD/001/A 500000135932	
			Type TB		Number 09180XX7001900							Rev. A	Page 1/1