

	1	2	3	4	5	6	7																																																																																																																																																																					
A	③ 300ft(91.44m) AWM 2651 28AWG E350147 105°C 300V VW-1 red line 0,85±0,1 A 1,27±0,07 B							A																																																																																																																																																																				
B								B																																																																																																																																																																				
C								C																																																																																																																																																																				
D	<table><thead><tr><th rowspan="2">Cores</th><th colspan="2">Size of conductor</th><th rowspan="2">A①</th><th rowspan="2">B①</th><th rowspan="2">Cores</th><th colspan="2">Size of conductor</th><th rowspan="2">A①</th><th rowspan="2">B①</th></tr><tr><th>AWG</th><th>Composition</th><th>AWG</th><th>Composition</th></tr></thead><tbody><tr><td>02</td><td>28</td><td>7/0.127</td><td>1.27±0.15</td><td>2.54±0.15</td><td>18</td><td>28</td><td>7/0.127</td><td>21.59±0.30</td><td>22.86±0.30</td></tr><tr><td>03</td><td>28</td><td>7/0.127</td><td>2.54±0.15</td><td>3.81±0.15</td><td>20</td><td>28</td><td>7/0.127</td><td>24.13±0.30</td><td>25.40±0.30</td></tr><tr><td>04</td><td>28</td><td>7/0.127</td><td>3.81±0.20</td><td>5.08±0.20</td><td>② 24</td><td>28</td><td>7/0.127</td><td>29.21±0.30</td><td>30.48±0.30</td></tr><tr><td>05</td><td>28</td><td>7/0.127</td><td>5.08±0.20</td><td>6.35±0.20</td><td>25</td><td>28</td><td>7/0.127</td><td>30.48±0.30</td><td>31.75±0.30</td></tr><tr><td>06</td><td>28</td><td>7/0.127</td><td>6.35±0.20</td><td>7.62±0.20</td><td>26</td><td>28</td><td>7/0.127</td><td>31.75±0.30</td><td>33.02±0.30</td></tr><tr><td>07</td><td>28</td><td>7/0.127</td><td>7.62±0.20</td><td>8.89±0.20</td><td>30</td><td>28</td><td>7/0.127</td><td>36.83±0.35</td><td>38.10±0.35</td></tr><tr><td>08</td><td>28</td><td>7/0.127</td><td>8.89±0.20</td><td>10.16±0.20</td><td>34</td><td>28</td><td>7/0.127</td><td>41.91±0.35</td><td>43.18±0.35</td></tr><tr><td>09</td><td>28</td><td>7/0.127</td><td>10.16±0.25</td><td>11.43±0.25</td><td>37</td><td>28</td><td>7/0.127</td><td>45.72±0.35</td><td>46.99±0.35</td></tr><tr><td>10</td><td>28</td><td>7/0.127</td><td>11.43±0.25</td><td>12.70±0.25</td><td>40</td><td>28</td><td>7/0.127</td><td>49.53±0.35</td><td>50.80±0.35</td></tr><tr><td>11</td><td>28</td><td>7/0.127</td><td>12.70±0.25</td><td>13.97±0.25</td><td>50</td><td>28</td><td>7/0.127</td><td>62.23±0.35</td><td>63.50±0.35</td></tr><tr><td>12</td><td>28</td><td>7/0.127</td><td>13.97±0.25</td><td>15.24±0.25</td><td>60</td><td>28</td><td>7/0.127</td><td>74.93±0.40</td><td>76.20±0.40</td></tr><tr><td>13</td><td>28</td><td>7/0.127</td><td>15.24±0.25</td><td>16.51±0.25</td><td>64</td><td>28</td><td>7/0.127</td><td>80.01±0.40</td><td>81.28±0.40</td></tr><tr><td>14</td><td>28</td><td>7/0.127</td><td>16.51±0.25</td><td>17.78±0.25</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>15</td><td>28</td><td>7/0.127</td><td>17.78±0.25</td><td>19.05±0.25</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>16</td><td>28</td><td>7/0.127</td><td>19.05±0.25</td><td>20.32±0.25</td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>							Cores	Size of conductor		A①	B①	Cores	Size of conductor		A①	B①	AWG	Composition	AWG	Composition	02	28	7/0.127	1.27±0.15	2.54±0.15	18	28	7/0.127	21.59±0.30	22.86±0.30	03	28	7/0.127	2.54±0.15	3.81±0.15	20	28	7/0.127	24.13±0.30	25.40±0.30	04	28	7/0.127	3.81±0.20	5.08±0.20	② 24	28	7/0.127	29.21±0.30	30.48±0.30	05	28	7/0.127	5.08±0.20	6.35±0.20	25	28	7/0.127	30.48±0.30	31.75±0.30	06	28	7/0.127	6.35±0.20	7.62±0.20	26	28	7/0.127	31.75±0.30	33.02±0.30	07	28	7/0.127	7.62±0.20	8.89±0.20	30	28	7/0.127	36.83±0.35	38.10±0.35	08	28	7/0.127	8.89±0.20	10.16±0.20	34	28	7/0.127	41.91±0.35	43.18±0.35	09	28	7/0.127	10.16±0.25	11.43±0.25	37	28	7/0.127	45.72±0.35	46.99±0.35	10	28	7/0.127	11.43±0.25	12.70±0.25	40	28	7/0.127	49.53±0.35	50.80±0.35	11	28	7/0.127	12.70±0.25	13.97±0.25	50	28	7/0.127	62.23±0.35	63.50±0.35	12	28	7/0.127	13.97±0.25	15.24±0.25	60	28	7/0.127	74.93±0.40	76.20±0.40	13	28	7/0.127	15.24±0.25	16.51±0.25	64	28	7/0.127	80.01±0.40	81.28±0.40	14	28	7/0.127	16.51±0.25	17.78±0.25						15	28	7/0.127	17.78±0.25	19.05±0.25						16	28	7/0.127	19.05±0.25	20.32±0.25						D
Cores	Size of conductor		A①	B①	Cores	Size of conductor			A①	B①																																																																																																																																																																		
	AWG	Composition				AWG	Composition																																																																																																																																																																					
02	28	7/0.127	1.27±0.15	2.54±0.15	18	28	7/0.127	21.59±0.30	22.86±0.30																																																																																																																																																																			
03	28	7/0.127	2.54±0.15	3.81±0.15	20	28	7/0.127	24.13±0.30	25.40±0.30																																																																																																																																																																			
04	28	7/0.127	3.81±0.20	5.08±0.20	② 24	28	7/0.127	29.21±0.30	30.48±0.30																																																																																																																																																																			
05	28	7/0.127	5.08±0.20	6.35±0.20	25	28	7/0.127	30.48±0.30	31.75±0.30																																																																																																																																																																			
06	28	7/0.127	6.35±0.20	7.62±0.20	26	28	7/0.127	31.75±0.30	33.02±0.30																																																																																																																																																																			
07	28	7/0.127	7.62±0.20	8.89±0.20	30	28	7/0.127	36.83±0.35	38.10±0.35																																																																																																																																																																			
08	28	7/0.127	8.89±0.20	10.16±0.20	34	28	7/0.127	41.91±0.35	43.18±0.35																																																																																																																																																																			
09	28	7/0.127	10.16±0.25	11.43±0.25	37	28	7/0.127	45.72±0.35	46.99±0.35																																																																																																																																																																			
10	28	7/0.127	11.43±0.25	12.70±0.25	40	28	7/0.127	49.53±0.35	50.80±0.35																																																																																																																																																																			
11	28	7/0.127	12.70±0.25	13.97±0.25	50	28	7/0.127	62.23±0.35	63.50±0.35																																																																																																																																																																			
12	28	7/0.127	13.97±0.25	15.24±0.25	60	28	7/0.127	74.93±0.40	76.20±0.40																																																																																																																																																																			
13	28	7/0.127	15.24±0.25	16.51±0.25	64	28	7/0.127	80.01±0.40	81.28±0.40																																																																																																																																																																			
14	28	7/0.127	16.51±0.25	17.78±0.25																																																																																																																																																																								
15	28	7/0.127	17.78±0.25	19.05±0.25																																																																																																																																																																								
16	28	7/0.127	19.05±0.25	20.32±0.25																																																																																																																																																																								
E								E																																																																																																																																																																				
F								F																																																																																																																																																																				
G	RoHS compliant Unit: mm <table><thead><tr><th>Scale</th><th>Free</th><th></th><th></th><th></th><th></th><th></th><th>Date</th><th>Name</th><th>Description. Flat Cable Pitch 1.27mm</th></tr></thead><tbody><tr><td>TOLERANCE</td><td></td><td></td><td></td><td></td><td></td><td>Drawn</td><td>24.04.2015</td><td>Amy</td><td></td></tr><tr><td></td><td></td><td></td><td>③</td><td>Add the length dimension</td><td>20.04.2022</td><td>Peter</td><td>Approved</td><td>20.04.2022</td><td>Peter</td></tr><tr><td></td><td></td><td></td><td>②</td><td>Update notes & tolerance</td><td>23.06.2020</td><td>Luca</td><td></td><td></td><td></td></tr><tr><td>DIM</td><td>TOL</td><td></td><td>①</td><td>Update the tolerance</td><td>04.11.2015</td><td>Amy</td><td colspan="3" rowspan="3"> ASSMANN WSW components ASS 7306 CA rev03 </td></tr><tr><td></td><td></td><td></td><td>④</td><td>Drawn</td><td>24.04.2015</td><td>Amy</td></tr><tr><td>Angle</td><td>TOL</td><td>Id.</td><td></td><td>Modification</td><td>Date</td><td>Name</td></tr></tbody></table>							Scale	Free						Date	Name	Description. Flat Cable Pitch 1.27mm	TOLERANCE						Drawn	24.04.2015	Amy					③	Add the length dimension	20.04.2022	Peter	Approved	20.04.2022	Peter				②	Update notes & tolerance	23.06.2020	Luca				DIM	TOL		①	Update the tolerance	04.11.2015	Amy	ASSMANN WSW components ASS 7306 CA rev03						④	Drawn	24.04.2015	Amy	Angle	TOL	Id.		Modification	Date	Name	G																																																																																																				
Scale	Free						Date	Name	Description. Flat Cable Pitch 1.27mm																																																																																																																																																																			
TOLERANCE						Drawn	24.04.2015	Amy																																																																																																																																																																				
			③	Add the length dimension	20.04.2022	Peter	Approved	20.04.2022	Peter																																																																																																																																																																			
			②	Update notes & tolerance	23.06.2020	Luca																																																																																																																																																																						
DIM	TOL		①	Update the tolerance	04.11.2015	Amy	ASSMANN WSW components ASS 7306 CA rev03																																																																																																																																																																					
			④	Drawn	24.04.2015	Amy																																																																																																																																																																						
Angle	TOL	Id.		Modification	Date	Name																																																																																																																																																																						
H	ASSMANN WSW components ASS 7306 CA rev03 Customer-No. Sheet 1 / 1							H																																																																																																																																																																				
	1	2	3	4	5	6	7																																																																																																																																																																					

② Material

Insulation: PVC Grey cable Red Line

Insulation thickness: 0.23mm ave ; 0.18mm min.

Conduction

AWG size: 28AWG

Number of stands in each conductor: 7/0.127mm TC

Cross section area: 0.079mm²

Electronic characteristics

Spark test: 2500 V

Conductor resistance: 237Ω max./KM

Insulation resistance: 100MΩ max./KM

Cable physical properties

After seven days air oven at 113°C

Tensile strength: Unaged ≥10.3 MPa, After aging ≥70%

Elongation: Unaged ≥100% , After aging ≥65%

UL style: 2651

Rated temperature: 105°C

Rated voltage: 300V

Passes VW-1 vertical flame test