

PFA // H-AA

PFA insulated cores  
Intended for use as internal wiring of equipment

| Description                       | Conductor                  |                 |             |            |       | Finished wire |           |       |         |        |                                                                                     |
|-----------------------------------|----------------------------|-----------------|-------------|------------|-------|---------------|-----------|-------|---------|--------|-------------------------------------------------------------------------------------|
| H-AA                              | Silver Plated Copper (SPC) |                 |             |            |       | PFA           |           |       | Weight  | Amps   |  |
|                                   | Size                       |                 | Stranding   | Resistance | Wire  | Core          | Tolerance |       |         |        |                                                                                     |
| 1000 / 1900V AC U <sub>0</sub> /U | AWG                        | mm <sup>2</sup> | # x mm      | Ω/km       | Nom Ø | Nom Ø         | Min Ø     | Max Ø | Nom g/m | @ 40°C | Article Number                                                                      |
| H-AA 3201                         | 32                         | 0.03            | 1 x 0.203   | 544.6      | 0.20  | 0.96          | 0.86      | 1.06  | 1.8     | 4      | 549cc3201                                                                           |
| H-AA 3207                         |                            | 0.03            | 7 x 0.079   | 557.7      | 0.24  | 1.02          | 0.92      | 1.12  | 2.0     |        | 549cc3207                                                                           |
| H-AA 3001                         | 30                         | 0.05            | 1 x 0.254   | 347.8      | 0.25  | 1.01          | 0.91      | 1.11  | 2.1     | 5      | 549cc3001                                                                           |
| H-AA 3007                         |                            | 0.06            | 7 x 0.102   | 328.1      | 0.30  | 1.06          | 0.96      | 1.16  | 2.3     |        | 549cc3007                                                                           |
| H-AA 2807                         | 28                         | 0.09            | 7 x 0.127   | 208.7      | 0.38  | 1.14          | 1.04      | 1.24  | 2.5     | 8      | 549cc2807                                                                           |
| H-AA 2619                         | 26                         | 0.16            | 19 x 0.102  | 122.4      | 0.48  | 1.24          | 1.14      | 1.34  | 3.2     | 11     | 549cc2619                                                                           |
| H-AA 2419                         | 24                         | 0.24            | 19 x 0.127  | 77.4       | 0.60  | 1.36          | 1.26      | 1.46  | 4.4     | 14     | 549cc2419                                                                           |
| H-AA 2219                         | 22                         | 0.38            | 19 x 0.160  | 48.6       | 0.76  | 1.52          | 1.42      | 1.62  | 6.7     | 19     | 549cc2219                                                                           |
| H-AA 2019                         | 20                         | 0.62            | 19 x 0.203  | 29.9       | 0.96  | 1.72          | 1.62      | 1.82  | 9.5     | 25     | 549cc2019                                                                           |
| H-AA 1819                         | 18                         | 0.96            | 19 x 0.254  | 19.0       | 1.20  | 2.00          | 1.87      | 2.13  | 12      | 33     | 549cc1819                                                                           |
| H-AA 1619                         | 16                         | 1.23            | 19 x 0.287  | 14.9       | 1.36  | 2.26          | 2.13      | 2.39  | 15      | 39     | 549cc1619                                                                           |
| H-AA 1419                         | 14                         | 1.94            | 19 x 0.361  | 9.42       | 1.71  | 2.69          | 2.53      | 2.85  | 24      | 53     | 549cc1419                                                                           |
| H-AA 1219                         | 12                         | 2.98            | 19 x 0.455  | 5.94       | 2.14  | 3.17          | 3.01      | 3.33  | 36      | 70     | 549cc1219                                                                           |
| H-AA 1037                         | 10                         | 4.74            | 37 x 0.404  | 3.90       | 2.82  | 3.78          | 3.62      | 3.94  | 51      | 94     | 549cc1037                                                                           |
| H-AA 8133                         | 8                          | 8.60            | 133 x 0.287 | 2.17       | 4.10  | 5.38          | 5.22      | 5.54  | 94      | 140    | 549cc8133                                                                           |
| H-AA 6133                         | 6                          | 13.61           | 133 x 0.361 | 1.37       | 5.15  | 7.55          | 7.39      | 7.71  | 176     | 189    | 549cc6133                                                                           |

| Core identification: Replace 'cc' in the article number with 2 digits below to select from available colours |                    |                           |                   |            |           |          |            |                      |           |                                         |                     |
|--------------------------------------------------------------------------------------------------------------|--------------------|---------------------------|-------------------|------------|-----------|----------|------------|----------------------|-----------|-----------------------------------------|---------------------|
| 00: Black                                                                                                    | 11: Brown          | 22: Red                   | 33: Orange        | 44: Yellow | 55: Green | 66: Blue | 77: Violet | 88: Grey             | 99: White | 29: Pink                                | 89: Clear           |
| Characteristics and key properties                                                                           |                    |                           |                   |            |           |          |            |                      |           |                                         |                     |
|                           | RoHS<br>2011/65/EU | REACH<br>EC No. 1907/2006 | LVD<br>2014/35/EU |            |           |          |            | Low smoke generation |           | Flame retardant                         | +200°C<br>High temp |
|                                                                                                              |                    |                           |                   |            |           |          |            |                      |           | Current rating in free air to IEC 60287 | -65°C<br>Low temp   |

Data indicates nominal values in millimetres (mm) unless otherwise stated.  
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