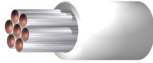


TWI 205 // H-H

TWI 205 insulated cores  
Intended for use as internal wiring of equipment

| Description                      | Conductor                                      |                 |            |            |       | Finished wire                     |           |       |         |        |                                                                                     |
|----------------------------------|------------------------------------------------|-----------------|------------|------------|-------|-----------------------------------|-----------|-------|---------|--------|-------------------------------------------------------------------------------------|
| H-H HSA                          | Silver Plated High Strength Copper Alloy (HSA) |                 |            |            |       | TWI 205 (Wrapped & sintered tape) |           |       | Weight  | Amps   |  |
|                                  | Size                                           |                 | Stranding  | Resistance | Wire  | Core                              | Tolerance |       |         |        |                                                                                     |
| 600 / 1000V 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-H 3207 HSA                     | 32                                             | 0.04            | 7 x 0.079  | 652.9      | 0.24  | 0.57                              | 0.52      | 0.62  | 0.6     | 3      | 534cc3207                                                                           |
| H-H 3001 HSA                     | 30                                             | 0.05            | 1 x 0.254  | 406.8      | 0.25  | 0.58                              | 0.53      | 0.63  | 0.8     | 5      | 534cc3001                                                                           |
| H-H 3007 HSA                     |                                                | 0.06            | 7 x 0.102  | 387.1      | 0.30  | 0.63                              | 0.58      | 0.68  | 0.9     |        | 534cc3007                                                                           |
| H-H 2801 HSA                     | 28                                             | 0.08            | 1 x 0.320  | 257.2      | 0.32  | 0.65                              | 0.60      | 0.70  | 1.2     | 7      | 534cc2801                                                                           |
| H-H 2807 HSA                     |                                                | 0.09            | 7 x 0.127  | 245.4      | 0.38  | 0.71                              | 0.66      | 0.76  | 1.3     |        | 534cc2807                                                                           |
| H-H 2619 HSA                     | 26                                             | 0.16            | 19 x 0.102 | 144.0      | 0.48  | 0.81                              | 0.76      | 0.86  | 1.9     | 11     | 534cc2619                                                                           |
| H-H 2419 HSA                     | 24                                             | 0.24            | 19 x 0.127 | 91.2       | 0.60  | 0.93                              | 0.88      | 0.98  | 2.8     | 13     | 534cc2419                                                                           |
| H-H                              | Silver Plated Copper (SPC)                     |                 |            |            |       | TWI 205 (Wrapped & sintered tape) |           |       | Weight  | Amps   |  |
|                                  | Size                                           |                 | Stranding  | Resistance | Wire  | Core                              | Tolerance |       |         |        |                                                                                     |
| 600 / 1000V 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-H 2601                         | 26                                             | 0.13            | 1 x 0.404  | 137.5      | 0.40  | 0.73                              | 0.68      | 0.78  | 1.9     | 10     | 514cc2601                                                                           |
| H-H 2619                         |                                                | 0.16            | 19 x 0.102 | 122.4      | 0.48  | 0.81                              | 0.76      | 0.86  | 1.9     |        | 514cc2619                                                                           |
| H-H 2401                         | 24                                             | 0.20            | 1 x 0.511  | 86.0       | 0.51  | 0.81                              | 0.76      | 0.86  | 2.8     | 12     | 514cc2401                                                                           |
| H-H 2419                         |                                                | 0.24            | 19 x 0.127 | 77.4       | 0.60  | 0.93                              | 0.88      | 0.98  | 2.8     |        | 514cc2419                                                                           |
| H-H 2201                         | 22                                             | 0.32            | 1 x 0.643  | 54.1       | 0.64  | 0.94                              | 0.89      | 0.99  | 4.2     | 16     | 514cc2201                                                                           |
| H-H 2219                         |                                                | 0.38            | 19 x 0.160 | 48.6       | 0.76  | 1.10                              | 1.05      | 1.15  | 4.2     |        | 514cc2219                                                                           |
| H-H 2001                         | 20                                             | 0.52            | 1 x 0.813  | 33.8       | 0.81  | 1.11                              | 1.06      | 1.16  | 6.5     | 20     | 514cc2001                                                                           |
| H-H 2019                         |                                                | 0.60            | 19 x 0.203 | 29.9       | 0.97  | 1.31                              | 1.24      | 1.38  | 6.5     |        | 514cc2019                                                                           |
| H-H 1819                         | 18                                             | 0.96            | 19 x 0.254 | 19.0       | 1.21  | 1.57                              | 1.50      | 1.64  | 9.9     | 29     | 514cc1819                                                                           |
| H-H 1619                         | 16                                             | 1.23            | 19 x 0.287 | 14.9       | 1.36  | 1.73                              | 1.66      | 1.80  | 13.0    | 35     | 514cc1619                                                                           |
| H-H 1419                         | 14                                             | 1.87            | 19 x 0.361 | 9.42       | 1.70  | 2.19                              | 2.09      | 2.29  | 20.0    | 53     | 514cc1419                                                                           |
| H-H 1237                         | 12                                             | 2.98            | 37 x 0.320 | 6.20       | 2.24  | 2.63                              | 2.53      | 2.73  | 29.0    | 66     | 514cc1237                                                                           |
| H-H 1037                         | 10                                             | 4.65            | 37 x 0.404 | 3.90       | 2.82  | 3.21                              | 3.06      | 3.36  | 45.0    | 82     | 514cc1819                                                                           |

| 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 High temp |
|                                                                                                              |                    |                           |                   |            |           |          |            |                      |           | Current rating in free air to IEC 60287 | -65°C Low temp   |

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