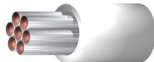
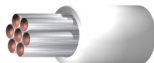


TWI 205 // H-HH

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

| Description                       | Conductor                                      |                 |            |            |       | Finished wire                     |           |       |         |        |                                                                                     |
|-----------------------------------|------------------------------------------------|-----------------|------------|------------|-------|-----------------------------------|-----------|-------|---------|--------|-------------------------------------------------------------------------------------|
| H-HH HSA                          | Silver Plated High Strength Copper Alloy (HSA) |                 |            |            |       | TWI 205 (Wrapped & sintered tape) |           |       | 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-HH 2619 HSA                     | 26                                             | 0.16            | 19 x 0.102 | 144.0      | 0.48  | 0.95                              | 0.90      | 1.00  | 2.2     | 11     | 535cc2619                                                                           |
| H-HH 2419 HSA                     | 24                                             | 0.24            | 19 x 0.127 | 91.2       | 0.60  | 1.07                              | 1.02      | 1.12  | 3.1     | 13     | 535cc2419                                                                           |
| H-HH                              | Silver Plated Copper (SPC)                     |                 |            |            |       | TWI 205 (Wrapped & sintered tape) |           |       | 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-HH 2601                         | 26                                             | 0.13            | 1 x 0.404  | 137.5      | 0.40  | 0.84                              | 0.79      | 0.84  | 2.2     | 10     | 515cc2601                                                                           |
| H-HH 2401                         | 24                                             | 0.20            | 1 x 0.511  | 86.0       | 0.51  | 0.95                              | 0.90      | 0.95  | 3.1     | 12     | 515cc2401                                                                           |
| H-HH 2201                         | 22                                             | 0.32            | 1 x 0.643  | 54.1       | 0.64  | 1.08                              | 1.03      | 1.13  | 4.6     | 16     | 515cc2201                                                                           |
| H-HH 2219                         |                                                | 0.38            | 19 x 0.160 | 48.6       | 0.76  | 1.24                              | 1.17      | 1.31  | 4.6     |        | 515cc2219                                                                           |
| H-HH 2001                         | 20                                             | 0.52            | 1 x 0.813  | 33.8       | 0.81  | 1.25                              | 1.18      | 1.32  | 6.9     | 20     | 515cc2001                                                                           |
| H-HH 2019                         |                                                | 0.60            | 19 x 0.203 | 29.9       | 0.97  | 1.45                              | 1.38      | 1.52  | 6.9     |        | 515cc2019                                                                           |
| H-HH 1819                         | 18                                             | 0.96            | 19 x 0.254 | 19.0       | 1.21  | 1.71                              | 1.64      | 1.78  | 11.0    | 29     | 515cc1819                                                                           |
| H-HH 1619                         | 16                                             | 1.23            | 19 x 0.287 | 14.9       | 1.36  | 1.87                              | 1.80      | 1.94  | 13.0    | 35     | 515cc1619                                                                           |
| H-HH 1419                         | 14                                             | 1.87            | 19 x 0.361 | 9.42       | 1.70  | 2.36                              | 2.26      | 2.46  | 21.0    | 53     | 515cc1419                                                                           |
| H-HH 1237                         | 12                                             | 2.98            | 37 x 0.320 | 6.20       | 2.24  | 2.80                              | 2.70      | 2.90  | 32.0    | 66     | 515cc1237                                                                           |
| H-HH 1037                         | 10                                             | 4.65            | 37 x 0.404 | 3.90       | 2.82  | 3.38                              | 3.23      | 3.53  | 49.0    | 82     | 515cc1819                                                                           |

| 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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