



TWI 205 / H-HH

TWI 205 insulated cores

Intended for use as internal wiring of equipment

1000 V AC

| Order reference | | Conductor | | | | Finished wire | | | Electrical | | |
|---|----------------|--|-----------------|------------|-------|-----------------------------------|-------|-------|------------|---------------|--|
|  | | Silver Plated High Strength Copper Alloy (HSA) | | | | TWI 205 (Wrapped & sintered tape) | | | Weight | DC resistance | DC Current rating In free air at 40°C |
| | | Size | Stranding | Wire | Core | Tolerance | | | | | |
| Description | Article Number | AWG | mm ² | # x mm | Nom Ø | Nom Ø | Min Ø | Max Ø | Nom g/m | Max Ω/km | Amps |
| H-HH 2619 HSA | 535cc2619 | 26 | 0.16 | 19 x 0.102 | 0.48 | 0.95 | 0.90 | 1.00 | 2.2 | 144 | 11 |
| H-HH 2419 HSA | 535cc2419 | 24 | 0.24 | 19 x 0.127 | 0.60 | 1.07 | 1.02 | 1.12 | 3.1 | 91.2 | 13 |



|  | | Silver Plated Copper (SPC) | | | | TWI 205 (Wrapped & sintered tape) | | | Weight | DC resistance | DC Current rating In free air at 40°C |
|---|----------------|----------------------------|-----------------|------------|-------|-----------------------------------|-------|-------|---------|---------------|--|
| | | Size | Stranding | Wire | Core | Tolerance | | | | | |
| Description | Article Number | AWG | mm ² | # x mm | Nom Ø | Nom Ø | Min Ø | Max Ø | Nom g/m | Max Ω/km | Amps |
| H-HH 2601 | 515cc2601 | 26 | 0.13 | 1 x 0.404 | 0.40 | 0.84 | 0.79 | 0.84 | 2.2 | 137 | 10 |
| H-HH 2401 | 515cc2401 | 24 | 0.20 | 1 x 0.511 | 0.51 | 0.95 | 0.90 | 0.95 | 3.1 | 86.0 | 12 |
| H-HH 2201 | 515cc2201 | 22 | 0.32 | 1 x 0.643 | 0.64 | 1.08 | 1.03 | 1.13 | 4.6 | 54.1 | 16 |
| H-HH 2219 | 515cc2219 | | 0.38 | 19 x 0.160 | 0.76 | 1.24 | 1.17 | 1.31 | 4.6 | 48.6 | |
| H-HH 2001 | 515cc2001 | 20 | 0.52 | 1 x 0.813 | 0.81 | 1.25 | 1.18 | 1.32 | 6.9 | 33.8 | 20 |
| H-HH 2019 | 515cc2019 | | 0.60 | 19 x 0.203 | 0.97 | 1.45 | 1.38 | 1.52 | 6.9 | 29.9 | |
| H-HH 1819 | 515cc1819 | 18 | 0.96 | 19 x 0.254 | 1.21 | 1.71 | 1.64 | 1.78 | 11.0 | 19.0 | 29 |
| H-HH 1619 | 515cc1619 | 16 | 1.23 | 19 x 0.287 | 1.36 | 1.87 | 1.80 | 1.94 | 13.0 | 14.9 | 35 |
| H-HH 1419 | 515cc1419 | 14 | 1.87 | 19 x 0.361 | 1.70 | 2.36 | 2.26 | 2.46 | 21.0 | 9.42 | 53 |
| H-HH 1237 | 515cc1237 | 12 | 2.98 | 37 x 0.320 | 2.24 | 2.80 | 2.70 | 2.90 | 32.0 | 6.20 | 66 |
| H-HH 1037 | 515cc1819 | 10 | 4.65 | 37 x 0.404 | 2.82 | 3.38 | 3.23 | 3.53 | 49.0 | 3.90 | 82 |

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

Marking Not applicable

Characteristics and key properties

| | | | | | | | | | | |
|--|---|----------------|--|------------------------------------|------------------------------------|--|------------------------|--------------------------|--------------------------------------|---|
|  |  | RoHS REACH LVD | | Current rating IEC 60287 | Fluid resistant Fuel Oil | | Flame resistant | | Smoke free | MBR Fixed = 5x Ø Flexing = 10x Ø |
| | | | | | | | | Temp low -65°C | Temp >20,000 hrs +200°C | |

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