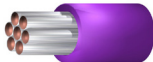


HFI 150 // H-B & H-BM

HFI 150 insulated cores  
Intended for use as internal wiring of equipment

| Description                      | Conductor               |                 |             |            |       | Finished wire |           |       |         |        |                                                                                     |
|----------------------------------|-------------------------|-----------------|-------------|------------|-------|---------------|-----------|-------|---------|--------|-------------------------------------------------------------------------------------|
| H-B                              | Tin Plated Copper (TPC) |                 |             |            |       | HFI 150       |           |       | 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-B 3007                         | 30                      | 0.06            | 7 x 0.102   | 354        | 0.30  | 0.90          | 0.83      | 0.97  | 1.2     | 5      | 540cc3007                                                                           |
| H-B 2807                         | 28                      | 0.09            | 7 x 0.127   | 223        | 0.38  | 0.98          | 0.91      | 1.05  | 1.6     | 6      | 540cc2807                                                                           |
| H-B 2619                         | 26                      | 0.16            | 19 x 0.102  | 131        | 0.48  | 1.08          | 1.00      | 1.16  | 2.3     | 8      | 540cc2619                                                                           |
| H-B 2419                         | 24                      | 0.24            | 19 x 0.127  | 83.3       | 0.60  | 1.30          | 1.20      | 1.40  | 3.4     | 11     | 540cc2419                                                                           |
| H-B 2219                         | 22                      | 0.38            | 19 x 0.160  | 52.2       | 0.76  | 1.46          | 1.36      | 1.56  | 4.8     | 15     | 540cc2219                                                                           |
| H-B 2019                         | 20                      | 0.60            | 19 x 0.203  | 32.0       | 0.96  | 1.66          | 1.56      | 1.76  | 7.2     | 20     | 540cc2019                                                                           |
| H-B 1819                         | 18                      | 0.96            | 19 x 0.254  | 20.4       | 1.21  | 1.91          | 1.81      | 2.01  | 11.0    | 27     | 540cc1819                                                                           |
| H-B 1619                         | 16                      | 1.23            | 19 x 0.287  | 15.8       | 1.36  | 2.16          | 2.01      | 2.31  | 14.0    | 31     | 540cc1619                                                                           |
| H-B 1419                         | 14                      | 1.87            | 19 x 0.361  | 10.0       | 1.70  | 2.50          | 2.35      | 2.65  | 21.0    | 41     | 540cc1419                                                                           |
| H-B 1237                         | 12                      | 2.98            | 37 x 0.320  | 2.20       | 2.20  | 3.10          | 2.95      | 3.25  | 33.0    | 55     | 540cc1237                                                                           |
| H-B 1037                         | 10                      | 4.65            | 37 x 0.404  | 4.13       | 2.77  | 3.77          | 3.62      | 3.92  | 49.0    | 74     | 540cc1037                                                                           |
| H-B 8133                         | 8                       | 8.60            | 133 x 0.287 | 2.30       | 4.20  | 5.20          | 5.05      | 5.35  | 85.0    | 110    | 540cc8133                                                                           |
| H-B 6133                         | 6                       | 13.6            | 133 x 0.361 | 1.46       | 5.27  | 6.47          | 6.32      | 6.62  | 134     | 148    | 540cc6133                                                                           |
| H-B 4133                         | 4                       | 21.6            | 133 x 0.455 | 0.920      | 6.65  | 8.05          | 7.90      | 8.20  | 212     | 201    | 540cc4133                                                                           |

| H-BM                             | Tin Plated Copper (TPC) |                 |            |            |       | HFI 150 |           |       | 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-BM 0.5                         | -                       | 0.50            | 19 x 0.185 | 40.1       | 0.88  | 1.58    | 1.48      | 1.68  | 6.1     | 18     | 542cc0050                                                                            |
| H-BM 0.75                        | -                       | 0.75            | 24 x 0.20  | 26.7       | 1.05  | 1.75    | 1.65      | 1.85  | 8.5     | 23     | 542cc0075                                                                            |
| H-BM 1.0                         | -                       | 1.0             | 32 x 0.20  | 20.0       | 1.20  | 1.90    | 1.80      | 2.00  | 11.0    | 27     | 542cc0100                                                                            |
| H-BM 1.5                         | -                       | 1.5             | 30 x 0.25  | 13.7       | 1.52  | 2.40    | 2.25      | 2.55  | 18.0    | 34     | 542cc0150                                                                            |
| H-BM 2.5                         | -                       | 2.5             | 50 x 0.25  | 8.21       | 2.00  | 2.90    | 2.75      | 3.05  | 27.0    | 48     | 542cc0250                                                                            |
| H-BM 4                           | -                       | 4.0             | 56 x 0.30  | 5.09       | 2.48  | 3.48    | 3.33      | 3.63  | 42.0    | 65     | 542cc0400                                                                            |
| H-BM 6                           | -                       | 6.0             | 84 x 0.30  | 3.39       | 2.92  | 3.90    | 3.75      | 4.05  | 61.0    | 83     | 542cc0600                                                                            |
| H-BM 10                          | -                       | 10.0            | 80 x 0.40  | 1.95       | 3.93  | 5.03    | 4.83      | 5.23  | 100     | 118    | 542cc1000                                                                            |
| H-BM 16                          | -                       | 16.0            | 126 x 0.40 | 1.24       | 5.80  | 7.00    | 6.80      | 7.30  | 156     | 166    | 542cc1600                                                                            |
| H-BM 25                          | -                       | 25.0            | 196 x 0.40 | 0.795      | 7.20  | 8.60    | 8.35      | 8.90  | 243     | 222    | 542cc2500                                                                            |
| H-BM 35                          | -                       | 35.0            | 278 x 0.40 | 0.565      | 8.70  | 10.50   | 10.20     | 10.80 | 345     | 279    | 542cc3500                                                                            |
| H-BM 50                          | -                       | 50.0            | 399 x 0.40 | 0.393      | 10.7  | 12.70   | 12.30     | 13.10 | 490     | 337    | 542cc5000                                                                            |

|                                                                                                              |           |         |            |            |           |          |            |          |           |          |   |
|--------------------------------------------------------------------------------------------------------------|-----------|---------|------------|------------|-----------|----------|------------|----------|-----------|----------|---|
| 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 | - |

| Characteristics and key properties                                                  |                    |                           |                   |  |  |  |  |              |                      |                                         |                     |
|-------------------------------------------------------------------------------------|--------------------|---------------------------|-------------------|--|--|--|--|--------------|----------------------|-----------------------------------------|---------------------|
|  | RoHS<br>2011/65/EU | REACH<br>EC No. 1907/2006 | LVD<br>2014/35/EU |  |  |  |  | Halogen free | Low smoke generation | Flame retardant                         | +135°C<br>High temp |
|                                                                                     |                    |                           |                   |  |  |  |  |              |                      | Current rating in free air to IEC 60287 | -50°C<br>Low temp   |

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