

Micaflame® – Glass Braid

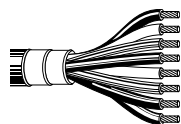
Multicore Cables

300/500V, 1550°C short term, 300°C permanent

| De- scription | Part No. | No. of Cond. (CDR) | Standard Lengths | | Standard Unit Weight | | Conductor (Stranding) Diameter Nom. DCR | Nominal Conductor OD | | Shielding Material Nom. DCR | Nominal OD | | Application |
|------------------|-------------|--------------------------|---------------------|---|-------------------------|----|--|-------------------------|----------------------------|-----------------------------------|------------|----|-------------|
| | | | ft. | m | lbs. | kg | | AWG | Section mm ² | | inch | mm | |

1550°C • 17 - 10 AWG • Stranded Nickel-Plated Copper Wire • Glass Fiber Shield • Overall Impregnated Glass Fiber Braid

Micaflame® Insulation (Color Code: see chart 11, Tech Info Section)



(Jacket optional)

Overall
Glass Fiber Braid

For wiring at high ambient temperature and increased mechanical stress. These cables are fire resistant and offer at least 15 minutes insulation integrity in liquid steel or aluminium, e.g.
 - Glass and ceramic fabrication
 - Industrial furnaces
 - Electric heating systems

| | | | | | | | | | | |
|---------|---|-----|-----|-------|------|---------------|----|------|-------|-------|
| HMC0423 | 2 | 328 | 100 | 23.4 | 10.6 | (32x0.20) NPC | 17 | 1.00 | 0.402 | 10.20 |
| HMC0424 | 3 | 328 | 100 | 31.5 | 14.3 | (32x0.20) NPC | 17 | 1.00 | 0.433 | 11.00 |
| HMC0425 | 4 | 328 | 100 | 39.9 | 18.1 | (32x0.20) NPC | 17 | 1.00 | 0.476 | 12.10 |
| HMC0426 | 5 | 328 | 100 | 50.7 | 23.0 | (32x0.20) NPC | 17 | 1.00 | 0.524 | 13.30 |
| HMC0427 | 2 | 328 | 100 | 26.7 | 12.1 | (30x0.25) NPC | 16 | 1.50 | 0.421 | 10.70 |
| HMC0428 | 3 | 328 | 100 | 36.2 | 16.4 | (30x0.25) NPC | 16 | 1.50 | 0.453 | 11.50 |
| HMC0429 | 4 | 328 | 100 | 45.9 | 20.8 | (30x0.25) NPC | 16 | 1.50 | 0.496 | 12.60 |
| HMC0430 | 5 | 328 | 100 | 58.6 | 26.6 | (30x0.25) NPC | 16 | 1.50 | 0.551 | 14.00 |
| HMC0431 | 2 | 328 | 100 | 33.1 | 15.0 | (50x0.25) NPC | 14 | 2.50 | 0.465 | 11.80 |
| HMC0432 | 3 | 328 | 100 | 45.4 | 20.6 | (50x0.25) NPC | 14 | 2.50 | 0.492 | 12.50 |
| HMC0433 | 4 | 328 | 100 | 58.4 | 26.5 | (50x0.25) NPC | 14 | 2.50 | 0.543 | 13.80 |
| HMC0434 | 5 | 328 | 100 | 73.2 | 33.2 | (50x0.25) NPC | 14 | 2.50 | 0.606 | 15.40 |
| HMC0435 | 2 | 328 | 100 | 41.4 | 18.8 | (56x0.30) NPC | 12 | 4 | 0.500 | 12.70 |
| HMC0436 | 3 | 328 | 100 | 57.8 | 26.2 | (56x0.30) NPC | 12 | 4 | 0.535 | 13.60 |
| HMC0437 | 4 | 328 | 100 | 74.3 | 33.7 | (56x0.30) NPC | 12 | 4 | 0.591 | 15.00 |
| HMC0438 | 5 | 328 | 100 | 91.5 | 41.5 | (56x0.30) NPC | 12 | 4 | 0.654 | 16.60 |
| HMC0439 | 2 | 328 | 100 | 52.5 | 23.8 | (84x0.30) NPC | 10 | 6 | 0.555 | 14.10 |
| HMC0440 | 3 | 328 | 100 | 74.1 | 33.6 | (84x0.30) NPC | 10 | 6 | 0.594 | 15.10 |
| HMC0441 | 4 | 328 | 100 | 98.8 | 44.8 | (84x0.30) NPC | 10 | 6 | 0.650 | 16.50 |
| HMC0442 | 5 | 328 | 100 | 124.6 | 56.5 | (84x0.30) NPC | 10 | 6 | 0.728 | 18.50 |

NPC = Nickel-Plated Copper • DCR = DC resistance