

### Mica

Glass and Ceramic Braid  
300/500V

De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	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 <sup>2</sup>		inch	mm	

**350°C (peak temp 500°C) • 20 - 10 AWG • Stranded Nickel-Plated Copper Wire**

**Mica Insulation • Impregnated Glass-Fiber Braid**



Overall  
Glass-Fiber Braid

For wiring at high ambient temperatures and increased operating voltage e.g.  
- Industrial furnaces  
- Extrusion and drying installations  
- Electric heating systems

HMC4300	328	100	2.9	1.3	(16x0.203) NPC	20	0.50	0.094	2.40
HMC4301	328	100	4.0	1.8	(24x0.203) NPC	18	0.75	0.102	2.60
HMC4302	328	100	4.9	2.2	(32x0.203) NPC	17	1.00	0.122	3.10
HMC4303	328	100	6.6	3.0	(30x0.254) NPC	16	1.50	0.134	3.40
HMC4304	328	100	8.6	3.9	(50x0.254) NPC	14	2.50	0.154	3.90
HMC4305	328	100	13.0	5.9	(56x0.30) NPC	12	4	0.185	4.70
HMC4306	328	100	17.9	8.1	(84x0.30) NPC	10	6	0.213	5.40

**1550°C (short term) • 20 - 8 AWG • Stranded Nickel-Plated Copper Wire**

**Mica Insulation • Impregnated Ceramic Braid**



Overall  
Ceramic Braid

For wiring at high ambient temperatures and increased mechanical stress e.g.  
- Glass, steel and iron fabrication  
- Industrial furnaces  
- Electric heating systems

UL approval and other conductor materials (e.g. special alloys) available on request.

HMC4307	328	100	2.4	1.1	(16x0.203) NPC	20	0.50	0.094	2.40
HMC4308	328	100	4.0	1.8	(24x0.203) NPC	18	0.75	0.098	2.50
HMC4309	328	100	5.1	2.3	(32x0.203) NPC	17	1.00	0.126	3.20
HMC4310	328	100	6.2	2.8	(30x0.254) NPC	16	1.50	0.142	3.60
HMC4311	328	100	10.1	4.6	(50x0.254) NPC	14	2.50	0.154	3.90
HMC4312	328	100	15.4	7.0	(56x0.30) NPC	12	4	0.205	5.20
HMC4313	328	100	22.9	10.4	(84x0.30) NPC	10	6	0.236	6.00
HMC4314	328	100	32.4	14.7	(80x0.40) NPC	8	10	0.291	7.40

NPC = Nickel-Plated Copper • DCR = DC resistance