

## CASFLAM™ MGT UL/cUL

**Style 5128**  
-60°C to +450 °C, 300V



### Construction

**Type:** MGT wire

**Core:** nickel-plated copper, nickel-coated copper (27%), or pure nickel

**Insulation:** composite: mica tape(s) and/or fiberglass lapping + varnished fiberglass braid

**Reinforcing braid:** varnished fiberglass braid

### Production

**Range width:** AWG 20 to 4

**Options:** Please consult us for any special requirements

### Application

**Household appliances:** cabling for domestic or professional electrical appliances

**Heating elements:** cabling for heating resistors, cartridges, bands and plates

**Other(s):** cabling for furnaces, ovens, machines for thermoplastics and rubber, welding stations, ect.

### General characteristics

**Weather conditions:** good resistance to UV

**Operating environment:** good resistance to thermal shock

### Thermal characteristics

**Operating temperature:** -60°C to +450 °C

### Electrical characteristics

**Operating Voltage:** 300V

### Approvals – Standards

**“FT1 flame rating”:** as per UL approval

**UL approval:** as per standard UL 758

Casmocable Part No.	Wire gauge	Conductor structure			Conductor Diameter		Wall thickness				Final O.D.		Approx. Wt.	
		# Strands	Diam. Of Strands		(in)	(mm)	Mica Tape		Fiberglass Braid		(in)	(mm)	(lb./kft)	(kg/km)
			(in)	(mm)			(in)	(mm)	(in)	(mm)				
4110201	20	7	0.012	0.3	0.043	1.08	0.015	0.381	0.007	0.178	0.087	2.2	10.33	15.37
4110202	18	11	0.012	0.3	0.046	1.18	0.015	0.381	0.007	0.178	0.090	2.3	13.32	19.82
4110203	16	18	0.012	0.3	0.058	1.48	0.015	0.381	0.007	0.178	0.102	2.6	18.90	28.13
4110204	14	28	0.012	0.3	0.074	1.88	0.015	0.381	0.007	0.178	0.118	3.0	27.58	41.04
4110205	12	49	0.012	0.3	0.106	2.68	0.015	0.381	0.007	0.178	0.150	3.8	40.27	59.93
4110206	10	77	0.012	0.3	0.135	3.42	0.020	0.508	0.015	0.381	0.205	5.2	68.61	102.10
4110207	8	112	0.012	0.3	0.166	4.22	0.020	0.508	0.015	0.381	0.236	6.0	79.00	117.56
4110208	6	190	0.012	0.3	0.217	5.52	0.020	0.508	0.015	0.381	0.287	7.3	138.00	205.36
4110209	4	304	0.012	0.3	0.256	6.5	0.020	0.508	0.015	0.381	0.326	8.3	216.78	322.59

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