

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 (AWG)	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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CAUTION

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