

CASFLAM™ MGT UL/cUL

Style 5561
-60°C to +550 °C, 600V



Construction

Type: MGT wire

Core: nickel-coated copper (27%) (other conductor materials available)

Insulation: mica tape

Reinforcing braid: varnished fiberglass braid with high-temperature finish

Production

Range width: AWG 24 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

Operating environment: good resistance to thermal shock

Chemical behavior: good resistance to oxidization

Thermal characteristics

Operating temperature: -60°C to +550 °C

Electrical characteristics

Operating Voltage: 600V

Approvals – Standards

“FT1 flame rating”: as per UL approval

UL approval: as per standard UL 758

Other approval: RoHS Compliant

Casmoc Part No.	Wire gauge (AWG)	Conductor structure			Wall thickness				Final O.D.		Approx. Wt.	
		# Strands	Diam. Of Strands		Mica Tape		Fiberglass Braid		(in)	(mm)	(lb./kft)	(kg/km)
			(in)	(mm)	(in)	(mm)	(in)	(mm)				
4210101	24	7	0.008	0.2	0.017	0.44	0.008	0.2	0.079	2	3	4.46
4210102	22	7	0.01	0.254	0.017	0.44	0.008	0.2	0.087	2.2	4	5.95
4210103	20	10	0.01	0.254	0.017	0.44	0.008	0.2	0.091	2.3	5	7.44
4210104	18	16	0.01	0.254	0.017	0.44	0.008	0.2	0.102	2.6	9	13.39
4210105	16	26	0.01	0.254	0.017	0.44	0.008	0.2	0.114	2.9	13	19.35
4210106	14	41	0.01	0.254	0.017	0.44	0.008	0.2	0.130	3.3	17	25.30
4210107	12	65	0.01	0.254	0.017	0.44	0.008	0.2	0.146	3.7	23	34.23
4210108	10	103	0.01	0.254	0.023	0.58	0.010	0.25	0.197	5	48	71.43
4210109	8	163	0.01	0.254	0.023	0.58	0.010	0.25	0.232	5.9	72	107.14
4210110	6	260	0.01	0.254	0.023	0.58	0.010	0.25	0.276	7	110	163.69

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