

CASFLAM™ TGGT UL/cUL

Style 5127
+250 °C, 600V



Construction

Type: TGGT wire

Core: nickel-plated copper (2%), nickel-coated copper (27%), or pure nickel

Insulation: PTFE tape with glass serve

Reinforcing braid: varnished fiberglass braid

Production

Range width: AWG 24 to 8

Options: Please consult us for any special requirements

Application

Use : high-temperature appliances wiring material

General characteristics

Operating environment: good resistance to thermal shock

Chemical behavior: good resistance to oxidization

Thermal characteristics

Operating temperature: +250 °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

Casmocable Part No.	Wire gauge (AWG)	Conductor structure			Wall thickness						Final O.D.		Approx. Wt.	
		# Strands	Diam. Of Strands		PTFE Tape		Fiberglass Serve		Fiberglass Braid		(in)	(mm)	(lb./kft)	(kg/km)
			(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)				
4310101	24	7	0.008	0.2	≥0.015	≥0.38	≥0.010	≥0.25	≥0.008	≥0.2	0.094	2.4	10	14.88
4310102	22	7	0.01	0.254	≥0.015	≥0.38	≥0.010	≥0.25	≥0.008	≥0.2	0.098	2.5	10	14.88
4310103	20	10	0.01	0.254	≥0.015	≥0.38	≥0.010	≥0.25	≥0.008	≥0.2	0.106	2.7	12	18.30
4310104	18	16	0.01	0.254	≥0.015	≥0.38	≥0.010	≥0.25	≥0.008	≥0.2	0.114	2.9	15	21.73
4310105	16	26	0.01	0.254	≥0.015	≥0.38	≥0.010	≥0.25	≥0.008	≥0.2	0.130	3.3	18	26.34
4310106	14	41	0.01	0.254	≥0.015	≥0.38	≥0.010	≥0.25	≥0.008	≥0.2	0.142	3.6	24	35.12
4310107	12	65	0.01	0.254	≥0.015	≥0.38	≥0.010	≥0.25	≥0.008	≥0.2	0.161	4.1	33	49.11
4310108	10	103	0.01	0.254	≥0.015	≥0.38	≥0.010	≥0.25	≥0.008	≥0.2	0.197	5	47	69.49
4310109	8	163	0.01	0.254	≥0.015	≥0.38	≥0.010	≥0.25	≥0.008	≥0.2	0.232	5.9	76	112.95

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