

CASFLAM™ TGGT UL/cUL

Style 5256
+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

Casma Part No.	Wire gauge	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)
	(AWG)		(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)				
4310301	24	7	0.008	0.2	0.007	0.18	0.004	0.1	0.008	0.2	0.067	1.7	8.75	13.02
4310302	22	7	0.010	0.254	0.007	0.18	0.004	0.1	0.008	0.2	0.071	1.8	8.5	12.65
4310303	20	10	0.010	0.254	0.007	0.18	0.004	0.1	0.008	0.2	0.079	2.0	9.2	13.69
4310304	18	16	0.010	0.254	0.007	0.18	0.004	0.1	0.008	0.2	0.087	2.2	11	16.37
4310305	16	26	0.010	0.254	0.011	0.28	0.004	0.1	0.008	0.2	0.110	2.8	15	22.62
4310306	14	41	0.010	0.254	0.011	0.28	0.004	0.1	0.008	0.2	0.122	3.1	22	32.74
4310307	12	65	0.010	0.254	0.011	0.28	0.004	0.1	0.008	0.2	0.142	3.6	31	46.13
4310308	10	103	0.010	0.254	0.011	0.28	0.004	0.1	0.010	0.25	0.185	4.7	53	78.87
4310309	8	163	0.010	0.254	0.011	0.28	0.004	0.1	0.010	0.25	0.217	5.5	79	117.56
4310310	6	260	0.010	0.254	0.014	0.36	0.006	0.15	0.010	0.25	0.268	6.8	113	168.16
4310311	4	413	0.010	0.254	0.014	0.36	0.006	0.15	0.010	0.25	0.323	8.2	167	248.51
4310312	2	168	0.020	0.5	0.014	0.36	0.006	0.15	0.010	0.25	0.390	9.9	259	385.42

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