

TurboFlex® M Copper Core, Lightweight Duraelectric™ L Insulation, 2000 VAC • 967-022

TURBOFLEX CABLE

TURBOFLEX M CORE CABLE CONSTRUCTION



TurboFlex M with M22759 copper-core wound cable construction

DURAELECTRIC LIGHT PERFORMANCE SUMMARY

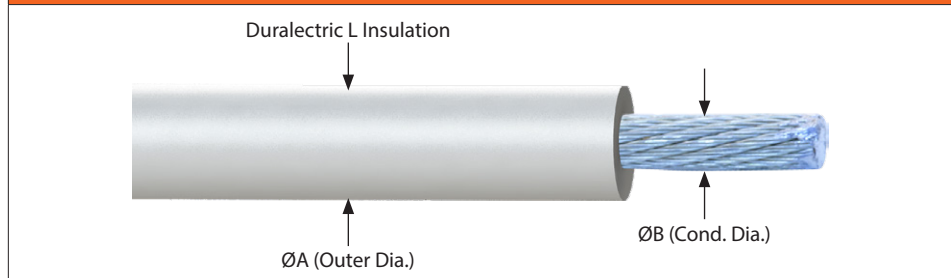
- Service temperature range: -65°C to +200°C
- Fire-resistant and Low Smoke-Zero Halogen (LSZH)
- Excellent abrasion resistance
- 30% lighter than Duraelectric D
- 50% lighter than Teflon®

TABLE II: DURAELECTRIC L INSULATION COLOR	
Weatherproof, halogen free, flame resistant	
0	Black
1	Brown
2	Red
3	Orange
4	Yellow
5	Kelly Green
6	Blue
7	Violet
8	Gray
9	White

Consult factory for other specific colors

HOW TO ORDER				
Sample Part Number	967-022	-NCC	-8	-0
Basic Part Number	High-Voltage TurboFlex M Hookup Wire with Duraelectric Light Insulation			
Conductor Material	NCC = Nickel Coated Annealed Copper (-60° to 200°C) SCC = Silver Coated Annealed Copper (-60° to 200°C) TCC = Tin Coated Annealed Copper (-60° to 150°C)			
Conductor Size	-10, -8, -4, -2, -0			
Insulation Color	See Insulation Color table			

TURBOFLEX WIRE SIZE, DIMENSIONS, DC RESISTANCE AND AMPACITY RATINGS



NCC Conductor						
Wire Size AWG	No. Strands X AWG	Circular Mils Nominal	DC Resistance @ 20°C (Ohms/1000 ft.)	Ø A ±.025	Ø B Nominal	Weight (Lbs per 1000 ft)
10	37 X 26	9354	1.24 (31.50)	TBD	0.107 (2.72)	TBD
8	133 X 29	16983	0.694 (17.63)	0.251 (6.38)	0.161 (4.09)	70.4
4	133 X 25	42615	0.275 (6.99)	0.354 (8.99)	0.261 (6.63)	162.5
2	665 X 30	66500	0.177 (4.50)	0.427 (10.85)	0.333 (8.46)	258.5
0	1045 X 30	104500	0.113 (2.87)	0.513 (13.03)	0.413 (10.49)	392.1

SCC Conductor						
Wire Size AWG	No. Strands X AWG	Circular Mils Nominal	DC Resistance @ 20°C (Ohms/1000 ft.)	Ø A ±.025	Ø B Nominal	Weight (Lbs per 1000 ft)
10	37 X 26	9354	1.19 (30.23)	TBD	.108 (2.74)	TBD
8	133 X 29	16983	0.658 (16.71)	0.251 (6.38)	0.161 (4.09)	70.4

TCC Conductor						
Wire Size AWG	No. Strands X AWG	Circular Mils Nominal	DC Resistance @ 20°C (Ohms/1000 ft.)	Ø A ±.025	Ø B Nominal	Weight (Lbs per 1000 ft)
10	37 X 26	9354	1.26 (32.00)	TBD	0.107 (2.72)	TBD
8	133 X 29	16983	.701 (17.81)	0.251 (6.38)	0.161 (4.09)	70.4

NOTES

1. Bend radius is 3X the outer diameter
2. Cable will be marked with "GLENAIR TURBOFLEX", wire gauge, part number, CAGE 06324.
3. Insulation thickness tolerance is ±10%