

TurboFlex® M Copper Core, Lightweight Duraelectric™ L Insulation / Jacket, Metallic Braided Shield, 2000 VAC • 967-024

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®
- Braided shield plating to match selected conductor plating. 90% optical coverage.

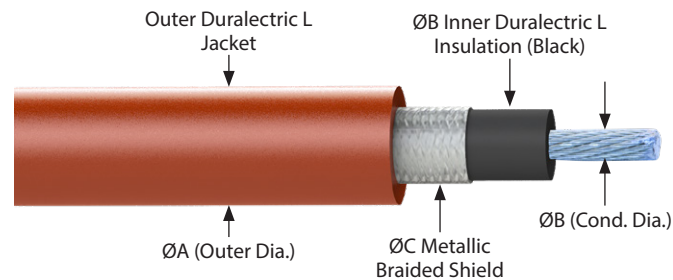
TABLE II: DURAELECTRIC LIGHT JACKET COLOR

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	967-024	-NCC	-8	-0
Basic Part Number	High-Voltage TurboFlex M Shielded 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			
Duraelectric Jacket Color Option	See Table II			

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 Nominal	Ø B Nominal	Ø C Nominal	Ø D Nominal	Weight (Lbs per 1000 ft)
10	37 X 26	9354	1.24 (31.50)	0.107 (2.72)	TBD	TBD	TBD	TBD
8	133 X 29	16983	0.694 (17.63)	0.161 (4.09)	0.251 (6.38)	0.273 (6.93)	0.333 (8.46)	121.8
4	133 X 25	42615	0.275 (6.99)	0.261 (6.63)	0.354 (8.99)	0.376 (9.55)	0.436 (11.07)	224.7
2	665 X 30	66500	0.177 (4.50)	0.333 (8.46)	0.427 (10.85)	0.449 (11.40)	0.509 (12.93)	328.1
0	1045 X 30	104500	0.113 (2.87)	0.413 (10.49)	0.513 (13.03)	0.535 (13.59)	0.595 (15.11)	478.6
SCC Conductor								
Wire Size AWG	No. Strands X AWG	Circular Mils Nominal	DC Resistance @ 20°C (Ohms/1000 ft.)	Ø A Nominal	Ø B Nominal	Ø C Nominal	Ø D Nominal	Weight (Lbs per 1000 ft)
10	37 X 26	9354	1.19 (30.23)	0.108 (2.74)	TBD	TBD	TBD	TBD
8	133 X 29	16983	.658 (16.71)	0.161 (4.09)	0.251 (6.38)	0.273 (6.93)	0.333 (8.46)	121.8
TCC Conductor								
Wire Size AWG	No. Strands X AWG	Circular Mils Nominal	DC Resistance @ 20°C (Ohms/1000 ft.)	Ø A Nominal	Ø B Nominal	Ø C Nominal	Ø D Nominal	Weight (Lbs per 1000 ft)
10	37 X 26	9354	1.26 (32.00)	0.108 (2.74)	TBD	TBD	TBD	TBD
8	133 X 29	16983	.701 (17.81)	0.161 (4.09)	0.251 (6.38)	0.273 (6.93)	0.333 (8.46)	121.8

NOTES

1. Bend radius is 4X the outer diameter
2. Cable will be marked with "GLENAIR TURBOFLEX", wire gauge, part number, CAGE 06324.
3. Insulation thickness tolerance is ±10%

TURBOFLEX CABLE