



LIA® 0802 Low Inductance 8Awg  
2-Cdr (UL) TC-ER 600V 90°C

**A:** 8 AWG 2 Conductor Bare Copper with PVC/Nylon Insulation with BC Spiral Wrap and a PVC Binder  
Wire Size & Stranding: 8 AWG 19/B787 - 16510  
Circular Mil Area - 0.6535 Ω/Mft Maximum DC  
Resistance @ 20°C (2.144 Ω/km Maximum @ 20°C)  
Metal Type: Annealed Bare Copper  
Nominal Wire Diameter: 0.180

Insulation Type: Polyvinylchloride/Nylon  
Nominal Insulation Thickness: 0.030 / 0.006  
Nominal Conductor Diameter: 0.203 / 0.215  
Nominal Inductance: 0.076 μH/ft  
Color Code: Red

Bare Copper Spiral Wrap Shield - 16510 Circular  
Mil Area - 0.6535 Ω/Mft Maximum DC Resistance  
@ 20°C  
(2.144 Ω/km Maximum @ 20°C)

Binder Nominal Jacket Thickness: 0.030  
Binder Jacket Colors: Black #1, Black #2  
Binder Nominal Diameter: 0.323

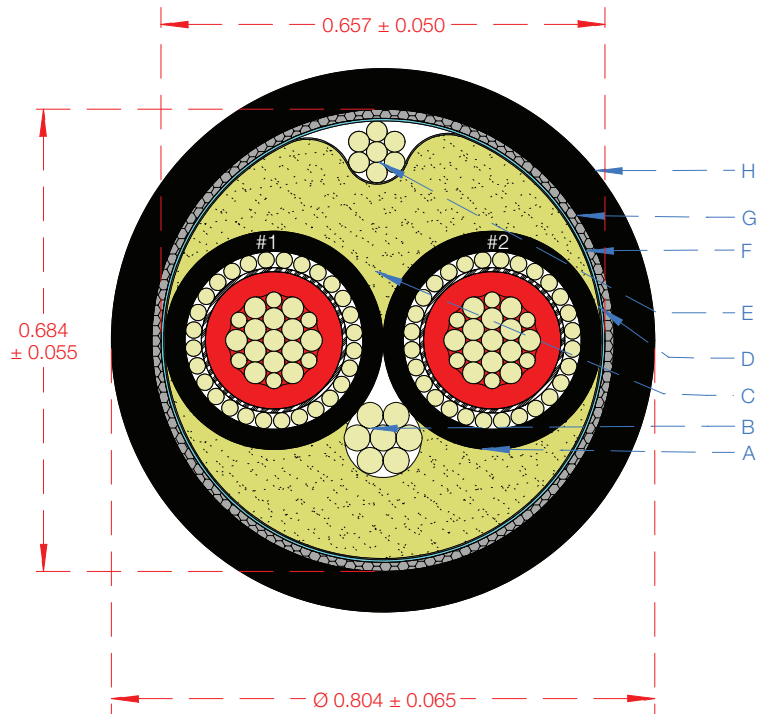
**B:** 10 AWG Uninsulated Bare Copper Ground  
Wire Size & Stranding: 10 AWG 7/0.0385  
Metal Type: Annealed Bare Copper  
Nominal Wire Diameter: 0.113

**C:** Non-Hygroscopic Polypropylene Fillers - as Necessary  
for a Circular Cross-Section

**D:** Clear Mylar Tape Binder - 100% Coverage

**E:** 12 AWG 7 Strands Tinned Copper Drain Wire

**F:** Aluminum/Mylar/Aluminum Tape Shield - 100% coverage



**G:** Tinned Copper Braid Shield - 65% minimum coverage

**H:** Black Polyvinylchloride Jacket, Nominal Jacket  
Thickness: 0.060, Tube/Sleeve Extruded  
Temperature Range: -40°C to 90°C, (UL) TC-ER 90°C  
DRY/WET 600 Volts

**Legend:** LIA® 0802 8AWG 2C SHIELDED (UL) TC-ER  
THWN-2/VV-1 UNINSULATED GROUND  
600V 90C DRY/WET PVC JACKET SUN RES DIR BUR FT4  
"ROHS COMPLIANT" MADE IN USA

**NOTES**

- Print Type: Inkjet
- Footage Markers: Yes
- Ripcord: Yes (2-Ply)
- Weight: 495 Lbs/Mft

DALLAS • DETROIT

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