



2012 CORPORATE LANE, SUITE 116 NAPERVILLE, IL 60563  
TOLL FREE: 888-888-8045

**Part #: VNTC 18-2C NS**  
**Unshielded Tray Cable**  
**Specification**

**Description:** 18 AWG 2 conductor 7 strand bare copper with polyvinylchloride and nylon insulation, an uninsulated bare copper ground conductor unshielded with an overall PVC jacket 600V control tray cable, approved for use in SUN RES DIR BUR 90°C applications.

**Conductor:**    **AWG Size & Stranding:**    18 AWG, 7 Strands Class B  
                  **Material:**                                Annealed Bare Copper  
                  **Conductor Count:**                    2 Conductors

**Insulation:**    **Material:**                                Polyvinylchloride & Nylon  
                  **Wall Thickness:**                    0.015" PVC & 0.005" Nylon  
                  **Color Code:**                            Red, Blue

**Assembly:**    **Lay Length:**                            2.75" LHL  
                  **Ground:**                                Uninsulated - 18 AWG, 7 Strand Bare Copper  
                  **Fillers:**                                 N/A  
                  **Binder:**                                 Clear Mylar  
                  **Shield:**                                 N/A  
                  **Drain Wire:**                            N/A

**Jacket:**        **Material:**                                Polyvinylchloride  
                  **Wall Thickness:**                    0.045"  
                  **Diameter:**                            0.263"  
                  **Color:**                                 Black  
                  **Ripcord:**                              Yes  
                  **Cold Bend Rating:**                -40°C  
                  **Weight:**                                42 lbs./Mft.

**Markings:**    **Type:**                                Cable shall be permanently identified via surface inkjet print  
                  **Legend:** LAKE CABLE E208309 18AWG 2C (UL) TC-ER PVC/NYLON UNINSULATED GROUND 600V 90°C DRY/WET PVC JACKET SUN RES DIR BUR FT4 "ROHS II" MADE IN USA  
                  **Footage Markers:**                Yes

**Standards**

- Refer to NEC (NFPA 70) article 336 for installation guidelines
- Cable is suitable for use in Class I Division II hazardous locations
- UL listed as Type TC-ER per UL Standard 1277 for tray cables
- UL approved for Direct Burial and Sunlight Resistant applications
- Cable meets UL 1581 & 1202 (FT-4) 70,000 BTU/HR & ICEA T-29-520 210,000 BTU/HR requirements
- Meets ICEA S-73-532, where applicable
- All materials used in the manufacture of this cable are RoHS II & REACH compliant
- Made in the USA

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION