529 Thomas Drive, Bensenville, IL 60106 | TF: 888.518.8086 | FX: 630.860.5944

Specification Sheet

Lake Cable Part #: SVT182STOST/X-20DR/18-ER

Description: 18 AWG 2 triads 7 strand tinned copper with PVC/Nylon insulation, aluminum/mylars with stranded tinned copper drains and an overall PVC jacket 600V control tray cable, approved for use in SUN RES DIR BUR OIL RES I & II 90°C applications. Also approved for CIC-TC C(UL) 600V & CSA AWM.

1. **Conductor**
   - 1.1. AWG Size & Stranding: 18 AWG 7 Strands Class B
   - 1.2. Material: Annealed Tinned Copper
   - 1.3. Conductor Count: 2 Triads
2. **Insulation**
   - 2.1. Material: Polyvinylchloride & Nylon
   - 2.2. Wall Thickness: 0.015" PVC & 0.005" Nylon
   - 2.3. Color Code: Black x White (Triad Number 1) x Red, Black x White (Triad Number 2) x Red
3. **Assembly**
   - 3.1. Triad Binder: Clear Mylar
   - 3.2. Triad Drain Wire: 20 AWG 7 Strand Tinned Copper
   - 3.3. Triad Shield: FFE Aluminum/Mylar Tape - 100% coverage
   - 3.4. Cable Binder: N/A
   - 3.5. Cable Shield: Aluminum/Mylar Tape - 100% coverage
   - 3.6. Cable Drain Wire: 20 AWG 7 Strand Tinned Copper
   - 3.7. Fillers: N/A
4. **Jacket**
   - 4.1. Material: Polyvinylchloride
   - 4.2. Wall Thickness: 0.063"
   - 4.3. Diameter: 0.509" ± 0.040"
   - 4.4. Color: Gray
   - 4.5. Ripcord: Yes
   - 4.6. Weight: 115 lbs/Mft
5. **Markings**
   - 5.1. Type: Cable shall be permanently identified via surface inkjet print
   - 5.2. Legend: LAKE CABLE E208309 18AWG 2TR STOS (UL) TC-ER PVC/N 600V 90C DRY/WET PVC JACKET SUN RES DIR BUR OIL RES I & II OR CIC-TC C(UL) 18AWG 2TR SHIELDED PVC/N 600V FT1 FT4 90C DRY 75C WET SR OR CSA 226471 AWM I/II A/B 600V 90C DRY 75C WET FT1 FT2 FT4 -40C "ROHS COMPLIANT" MADE IN USA
   - 5.3. Footage Markers: Yes
6. **Standards**
   - 6.1. Refer to NEC (NFPA 70) article 336 for installation guidelines
   - 6.2. Cable is suitable for use in Class I Division 2 hazardous locations
   - 6.3. UL listed as Type TC-ER per UL Standard 1277 for tray cables
   - 6.4. UL approved for Direct Burial, Sunlight and Oil I & II Resistant applications
   - 6.5. Cable meets UL 1581 & 1202 (FT-4) 70,000 BTU/HR & ICEA T-29-520 210,000 BTU/HR requirements
   - 6.6. Listed as Type CIC-TC per CSA Standard 22.2 No. 239-09 & No. 230-09 for instrumentation and control cable and tray cables
   - 6.7. CSA listed as Type AWM per CSA Standard 22.2 No. 210-11 for appliance wiring material products
   - 6.8. Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive & RoHS 3 2015/863/EU Directive
   - 6.9. Cable is REACH compliant per Regulation (EC) No 1907/2006 (224) Updated June 10, 2022
   - 6.10. Made in the USA
   - *6.11.* ⚠ WARNING: This product may contain chemicals, such as Vinyl Chloride, known to the state of California to cause birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov. *Wash hands after handling*

Your signature constitutes that you have read and agreed to this specification sheet and upon confirmation of your order; this item may be non-cancelable and non-returnable.

Nancy Shemaine
Signature

IENC
Company

2-9-2023
Date

ALL SPECIFIED PARAMETERS WITHOUT A TOLERANCE ARE NOMINAL AND SUBJECT TO VERIFICATION. LAKE CABLE IS NOT RESPONSIBLE FOR UNKNOWN PERFORMANCE ATTRIBUTES THAT WERE NOT MADE KNOWN

529 Thomas Drive, Bensenville, IL 60106 | TF: 888.518.8086 | FX: 630.860.5944

Specification Sheet

Lake Cable Part #: SVT184STOST/X-20DR/18-ER

Description: 18 AWG 4 triads 7 strand tinned copper with PVC/Nylon insulation, aluminum/mylars with stranded tinned copper drains and an overall PVC jacket 600V control tray cable, approved for use in SUN RES DIR BUR OIL RES I & II 90°C applications. Also approved for CIC-TC C(UL) 600V & CSA AWM.

1. **Conductor**
   - 1.1. AWG Size & Stranding: 18 AWG 7 Strands Class B
   - 1.2. Material: Annealed Tinned Copper
   - 1.3. Conductor Count: 4 Triads
2. **Insulation**
   - 2.1. Material: Polyvinylchloride & Nylon
   - 2.2. Wall Thickness: 0.015" PVC & 0.005" Nylon
   - 2.3. Color Code: Black x White (Triad Number 1) x Red, Black x White (Triad Number 2) x Red, Black x White (Triad Number 3) x Red, Black x White (Triad Number 4) x Red
3. **Assembly**
   - 3.1. Triad Binder: Clear Mylar
   - 3.2. Triad Drain Wire: 20 AWG 7 Strand Tinned Copper
   - 3.3. Triad Shield: FFE Aluminum/Mylar Tape - 100% coverage
   - 3.4. Cable Shield: Aluminum/Mylar Tape - 100% coverage
   - 3.5. Cable Drain Wire: 20 AWG 7 Strand Tinned Copper
   - 3.6. Fillers: N/A
4. **Jacket**
   - 4.1. Material: Polyvinylchloride
   - 4.2. Wall Thickness: 0.063"
   - 4.3. Diameter: 0.590" ± 0.050"
   - 4.4. Color: Gray
   - 4.5. Ripcord: Yes
   - 4.6. Weight: 184 lbs/Mft
5. **Markings**
   - 5.1. Type: Cable shall be permanently identified via surface inkjet print
   - 5.2. Legend: LAKE CABLE E208309 18AWG 4TR STOS (UL) TC-ER PVC/N 600V 90C DRY/WET PVC JACKET SUN RES DIR BUR OIL RES I & II OR CIC-TC C(UL) 18AWG 4TR SHIELDED PVC/N 600V FT1 FT4 90C DRY 75C WET SR OR CSA 226471 AWM I/II A/B 600V 90C DRY 75C WET FT1 FT2 FT4 -40C "ROHS COMPLIANT" MADE IN USA
   - 5.3. Footage Markers: Yes
6. **Standards**
   - 6.1. Refer to NEC (NFPA 70) article 336 for installation guidelines
   - 6.2. Cable is suitable for use in Class I Division 2 hazardous locations
   - 6.3. UL listed as Type TC-ER per UL Standard 1277 for tray cables
   - 6.4. UL approved for Direct Burial, Sunlight and Oil I & II Resistant applications
   - 6.5. Cable meets UL 1581 & 1202 (FT-4) 70,000 BTU/HR & ICEA T-29-520 210,000 BTU/HR requirements
   - 6.6. Listed as Type CIC-TC per CSA Standard 22.2 No. 239-09 & No. 230-09 for instrumentation and control cable and tray cables
   - 6.7. CSA listed as Type AWM per CSA Standard 22.2 No. 210-11 for appliance wiring material products
   - 6.8. Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive & RoHS 3 2015/863/EU Directive
   - 6.9. Cable is REACH compliant per Regulation (EC) No 1907/2006 (224) Updated June 10, 2022
   - 6.10. Made in the USA
   - *6.11.* ⚠ WARNING: This product may contain chemicals, such as Vinyl Chloride, known to the state of California to cause birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov. *Wash hands after handling*

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Nancy Tremaine
Signature

IEWC
Company

2-9-2023
Date

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