



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

Part #: VNTC 18-2C SHLD

Shielded Tray Cable Specification

Description:	18 AWG 2 conductor 7 strand bare copper with polyvinylchloride and nylon insulation, an aluminum/mylar shield with a stranded tinned copper drain wire with an overall PVC jacket 600V control tray cable, PLTC, NPLF & FPL, 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:	Method 1, Table E-2
Assembly:	Lay Length:	2.75" LHL
	Fillers:	N/A
	Binder:	N/A
	Shield:	Aluminum/Mylar Tape - 100% coverage
	Drain Wire:	18 AWG 7 Strand Tinned Copper
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 permanently identified via surface inkjet print
	Legend:	LAKE CABLE E207231 18AWG 2C SHIELDED (UL) NPLF 90°C 150V PVC/N OR PLTC OR FPL OR TC-ER 600V 90°C DRY/WET SUN RES DIR BUR PVC JACKET FT4 "ROHS II" REACH 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 and Quad Rated TC, PLTC, NPLF & (UL) 1424 FPL
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