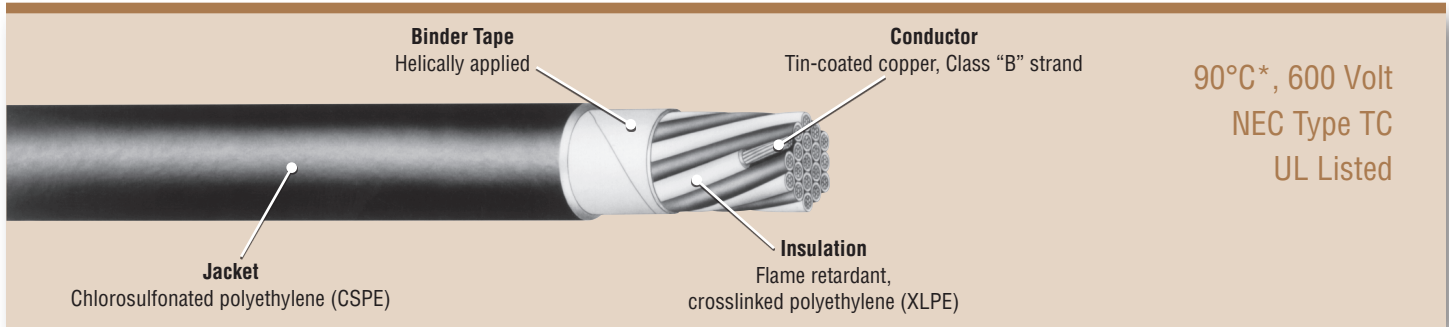


# Rock-Tuff®

## Instrumentation Cable

Multi-Conductor Unshielded (XLPE/CSPE)

**RSCC Industrial Cable**  
www.r-scc.com



### Features

- Thermoset insulation and jacket for enhanced thermal stability
- Extremely flame retardant
- Excellent mechanical properties
- Tin-coated copper conductors for improved terminations and corrosion resistance
- All jackets have printed sequential footage markers for improved inventory control
- Easy strippability for installation use

### Performance Standards

- Insulation in accordance with ICEA Standard S-95-658 and UL approved for 90°C applications in both wet & dry locations
- Jackets in accordance with ICEA Standard S-95-658 for heavy-duty chlorosulfonated polyethylene (CSPE)
- Cable passes IEEE 1202/FT4 Flame Test
- Single conductors pass the vertical flame tests specified in ICEA S-19-81 Section 6.19.6 and UL VW-1
- UL Listed Type TC for cable tray installations (UL 1277)
- In accordance with the National Electrical Code (approved for Class 1, Division 2 hazardous locations)

### Construction

**Conductor:** Annealed, tin-coated copper, Class "B" strand (ASTM B-8 & B-33)

**Insulation:** Proprietary heat, moisture and flame retardant crosslinked polyethylene

**Circuit Identification:** Colored insulation per ICEA Method 3, Table E2

**Fillers:** (When required)

**Binder Tape:** Helically applied

**Jacket:** Black, heavy-duty chlorosulfonated polyethylene (also available in neoprene)

### Scope

Rock-Tuff® Industrial Instrumentation Cable is a totally thermoset construction specifically designed for reliable performance under harsh conditions in industrial applications. It may be installed in trays, ducts, conduits or in direct burial applications to perform a variety of low voltage power, lighting and related functions. *Designed for use on circuits where shielding from external electrostatic interference is required but shielding between pairs is not critical.*

\* Rated 90°C for normal operation in wet and dry locations, 130°C for emergency overload conditions, and 250°C for short circuit conditions.



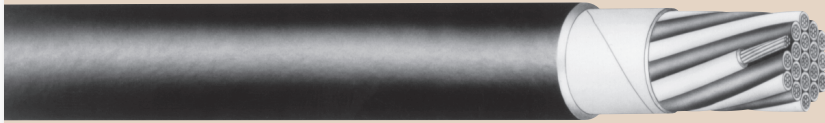
**Made in the USA**



**Marmon Electrical**  
A Berkshire Hathaway Company

# Rock-Tuff® Instrumentation Cable

Multi-Conductor Unshielded  
(XLPE/CSPE)



90°C\*, 600 Volt  
NEC Type TC  
UL Listed

## 16 AWG, 7 Strand

Product Code	Number of Pairs	Insulation Thickness (inch)	Insulation Thickness (mm)	Insulated Conductor Diameter (inch)	Overall Jacket Thickness (Mils)	Nominal Overall Diameter (inch)	Nominal Overall Diameter (mm)	Approximate Net Weight (Lbs/M')
RTUFF-16-2-600V	2	.025	.64	.11	45	.31	7.87	65
RTUFF-16-3-600V	3	.025	.64	.11	45	.33	8.38	80
RTUFF-16-4-600V	4	.025	.64	.11	45	.36	9.14	95
RTUFF-16-5-600V	5	.025	.64	.11	45	.39	9.91	115
RTUFF-16-7-600V	7	.025	.64	.11	45	.42	10.67	130
RTUFF-16-9-600V	9	.025	.64	.11	45	.49	12.45	160
RTUFF-16-12-600V	12	.025	.64	.11	60	.58	14.73	225
RTUFF-16-15-600V	15	.025	.64	.11	60	.64	16.26	270
RTUFF-16-19-600V	19	.025	.64	.11	60	.67	17.02	320
RTUFF-16-27-600V	27	.025	.64	.11	60	.79	20.07	435
RTUFF-16-37-600V	37	.025	.64	.11	80	.93	23.62	610

## 18 AWG, 7 Strand

Product Code	Number of Pairs	Insulation Thickness (inch)	Insulation Thickness (mm)	Insulated Conductor Diameter (inch)	Overall Jacket Thickness (Mils)	Nominal Overall Diameter (inch)	Nominal Overall Diameter (mm)	Approximate Net Weight (Lbs/M')
RTUFF-18-2-600V	2	.025	.64	.10	45	.29	7.37	50
RTUFF-18-3-600V	3	.025	.64	.10	45	.31	7.87	60
RTUFF-18-4-600V	4	.025	.64	.10	45	.33	8.38	75
RTUFF-18-5-600V	5	.025	.64	.10	45	.36	9.14	90
RTUFF-18-7-600V	7	.025	.64	.10	45	.38	9.65	100
RTUFF-18-9-600V	9	.025	.64	.10	45	.44	11.18	120
RTUFF-18-12-600V	12	.025	.64	.10	45	.50	12.70	155
RTUFF-18-15-600V	15	.025	.64	.10	60	.58	14.73	205
RTUFF-18-19-600V	19	.025	.64	.10	60	.61	15.49	240
RTUFF-18-27-600V	27	.025	.64	.10	60	.72	18.29	325
RTUFF-18-37-600V	37	.025	.64	.10	60	.80	20.32	425



Made in the USA



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A Berkshire Hathaway Company