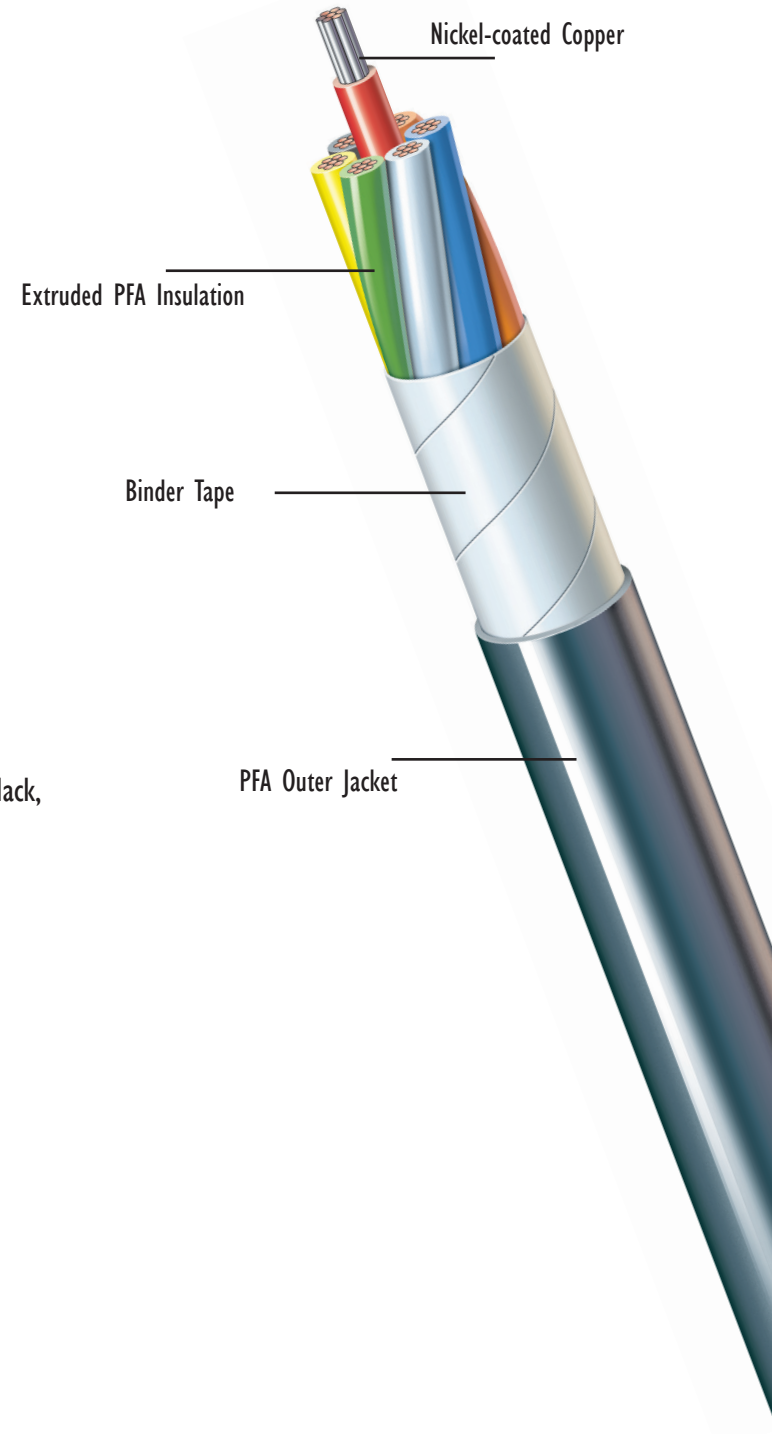
PFA INSULATED TRAY CABLE

UL TYPE TC; C(UL)-CIC CABLE

250C/600V

RATINGS / APPROVALS

- Meets Requirements of UL Standard 1277 "Standard for Tray Cable" Type TC
- Meets Requirements of CSA Standard 22.2 No.239-09 "Control and Instrumentation Cable" Classifed CIC
- Multi-Conductor Constructions NEC Type PFAH
- 600V / 250°C Dry Rated - Spec Apps
- Meets IEEE 1202/ FT4 Rating
- Meets UL "Oil Resistant I" Classification
- Compliant to ANSI/NFPA 70 (NEC) Article 336
- (UL Type TC-ER Available. Consult Factory)
- The Type TC and TC-ER cables are permitted for use for Class I Division II industrial hazardous locations when installed in accordance with the requirements outlined in NEC Article 501.10(B) and Article 505.15(C) Class I Zone 2.



CONSTRUCTION

Conductors:

Solid or stranded nickel-coated annealed copper per ASTM B-33

Insulating System:

Extruded Perfluoroalkoxy Fluoropolymer (PFA) per UL 83. Standard color is black, marked and numbered. (Colors Available)

Binder Tape:

Nomex Tape

Shielding (Optional):

Aluminum with nomex film backing. Coated copper drain wire.

Jacketing:

Extruded Perfluoroalkoxy Fluoropolymer (PFA). Standard color is black.

CHARACTERISTICS

- Excellent performance at temperature extremes
- High heat and weather resistance
- Excellent chemical and oil resistance
- Extruded PFA insulation available in colors
- PFA jacket material provides tough, low-friction protection
- Low flammability

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Radix™ WIRE & CABLE

PFA INSULATED TRAY CABLE

UL TYPE TC; C(UL)-CIC CABLE

250C/600V

PFA TRAY CABLE 250C/600V SPECIFICATIONS

Part Number	AWG Size	# Cond.	Primary Mil-Wall	Core O.D.	Jacket Mil-Wall	Nominal OD	Wgt - lbs per 1000 ft
TR18AP02A	18	2	0.020	0.140	0.045	0.245	52
TR18AP03A	18	3	0.020	0.186	0.045	0.291	67
TR18AP04A	18	4	0.020	0.207	0.045	0.312	80
TR18AP05A	18	5	0.020	0.220	0.045	0.325	93
TR18AP07A	18	7	0.020	0.257	0.045	0.362	117
TR18AP09A	18	9	0.020	0.295	0.045	0.400	144
TR18AP12A	18	12	0.020	0.341	0.045	0.446	180
TR18AP16A	18	16	0.020	0.394	0.045	0.499	226
TR18AP19A	18	19	0.020	0.429	0.060	0.564	282
TR16AP02A	16	2	0.020	0.160	0.045	0.265	62
TR16AP03A	16	3	0.020	0.212	0.045	0.317	81
TR16AP04A	16	4	0.020	0.236	0.045	0.341	99
TR16AP05A	16	5	0.020	0.251	0.045	0.356	116
TR16AP07A	16	7	0.020	0.393	0.045	0.498	148
TR16AP09A	16	9	0.020	0.337	0.045	0.442	233
TR16AP12A	16	12	0.020	0.388	0.060	0.523	321
TR16AP16A	16	16	0.020	0.449	0.060	0.584	365
TR14AP02A	14	2	0.020	0.216	0.045	0.321	75
TR14AP03A	14	3	0.020	0.233	0.045	0.338	99
TR14AP04A	14	4	0.020	0.260	0.045	0.365	121
TR14AP05A	14	5	0.020	0.292	0.045	0.397	143
TR14AP07A	14	7	0.020	0.324	0.045	0.429	184
TR14AP09A	14	9	0.020	0.391	0.045	0.496	230
TR14AP12A	14	12	0.020	0.449	0.060	0.584	318
TR14AP16A	14	16	0.020	0.508	0.060	0.643	401
TR12GP02A	12	2	0.020	0.254	0.045	0.359	92
TR12GP03A	12	3	0.020	0.274	0.045	0.379	123
TR12GP04A	12	4	0.020	0.306	0.045	0.411	152
TR12GP05A	12	5	0.020	0.343	0.045	0.448	182
TR12GP07A	12	7	0.020	0.381	0.045	0.486	237
TR12GP09A	12	9	0.020	0.460	0.060	0.595	323
TR10GP02A	10	2	0.020	0.296	0.045	0.401	121
TR10GP03A	10	3	0.020	0.320	0.045	0.425	162
TR10GP04A	10	4	0.020	0.357	0.045	0.462	203
TR10GP05A	10	5	0.020	0.400	0.045	0.505	245
TR08EP02A	8	2	0.030	0.452	0.060	0.587	234
TR08EP03A	8	3	0.030	0.488	0.060	0.623	390

All dimensions listed above are nominal

Information included in this catalog is intended as a guideline only. For applications that require tight tolerances, please contact the Radix factory for dimensional verification. Information herein is believed to be accurate as of publication date; however, if an error exists it is unintentional and Radix Wire & Cable is not responsible for any claim traceable to such error.

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