

200C/600V

FEP INSULATED TRAY CABLE

UL Type TC-ER; C(UL)-CIC Cable

RATINGS / APPROVALS

- Meets Requirements of UL Standard 1277 "Standard for Tray Cable" Type TC-ER
- Meets Requirements of CSA Standard 22.2 No.239-09 "Control and Instrumentation Cable" Classified CIC
- Multi-Conductor Constructions Type FEP per UL 83
- 200°C Special Rated Applications
- 600V; 90°C Dry Rated General Use (UL)/ 200°C Dry Rated (CSA)
- Meets IEEE 1202/ FT4 Rating
- Meets UL "Oil Resistant I" Classification
- Compliant to ANSI/NFPA 70 (NEC) Article 336
- CSA compliance tested @ 90C for LTIR, Capacitance and Relative Permittivity per CSA standards 22.2 No. 75-14, and 22.2 No. 2556-15. Rated for use in environments requiring wet-rating.

CONSTRUCTION

Conductors:

22 AWG - 2 AWG

Solid or stranded coated annealed copper per ASTM B-33

Insulating System:

Extruded Fluorinated Ethylene Propylene (FEP) per UL 83. Standard color is black, marked and numbered.

Binder Tape:

Nomex tape

Shielding (Optional):

Aluminum with poly-film backing. Coated copper drain wire.

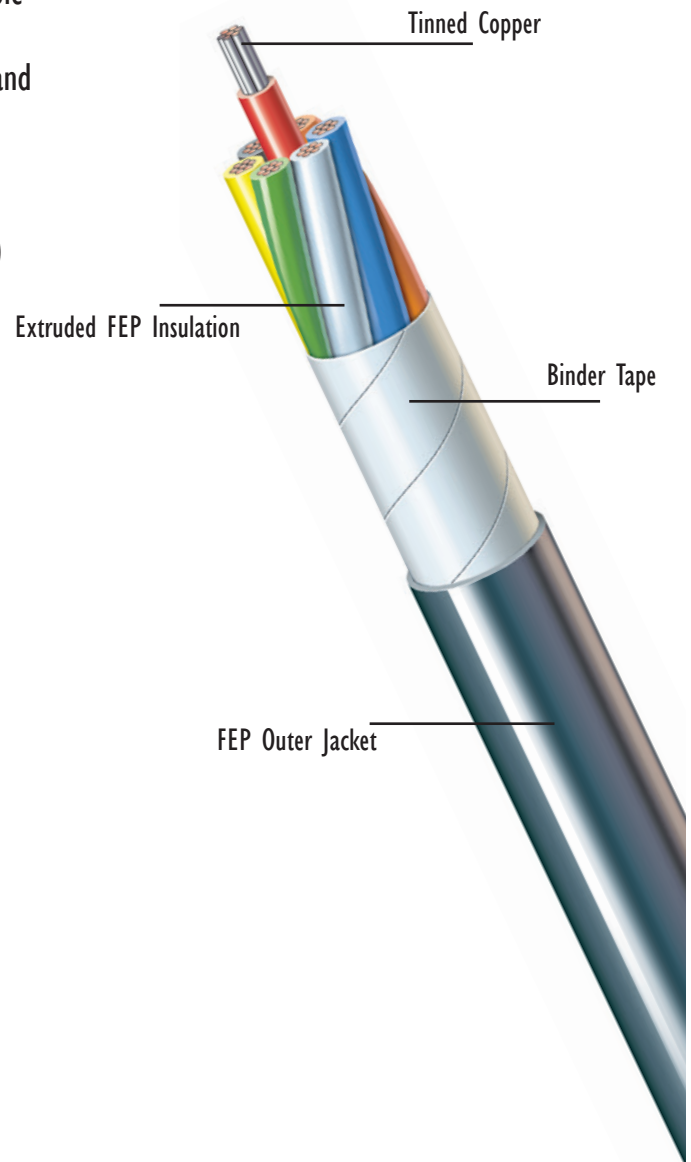
Jacketing:

Extruded Fluorinated Ethylene Propylene (FEP). Standard color is black.

CHARACTERISTICS

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

Revised 1/19



Radix™

Radix Wire
26000 Lakeland Boulevard, Euclid, OH 44132
Tel: 216 731-9191 • Fax: 216 731-7082
www.radix-wire.com

200C/600V

FEP INSULATED TRAY CABLE

UL Type TC-ER; C(UL)-CIC Cable

FEP TRAY CABLE 200C/600V SPECIFICATIONS

Part Number	AWG Size	# Cond.	Primary Mil-Wall	Core O.D.	Jacket Mil-Wall	Nominal OD	Wgt - lbs per 1000 ft
TSI8AT02A	18	2	0.020	0.140	0.045	0.245	52
TSI8AT03A	18	3	0.020	0.186	0.045	0.291	67
TSI8AT04A	18	4	0.020	0.207	0.045	0.312	80
TSI8AT05A	18	5	0.020	0.220	0.045	0.325	93
TSI8AT07A	18	7	0.020	0.257	0.045	0.362	117
TSI8AT09A	18	9	0.020	0.295	0.045	0.400	144
TSI8AT12A	18	12	0.020	0.341	0.045	0.446	180
TSI8AT16A	18	16	0.020	0.394	0.045	0.499	226
TSI8AT19A	18	19	0.020	0.429	0.060	0.564	282
TSI6AT02A	16	2	0.020	0.160	0.045	0.265	62
TSI6AT03A	16	3	0.020	0.212	0.045	0.317	81
TSI6AT04A	16	4	0.020	0.236	0.045	0.341	99
TSI6AT05A	16	5	0.020	0.251	0.045	0.356	116
TSI6AT07A	16	7	0.020	0.393	0.045	0.498	148
TSI6AT09A	16	9	0.020	0.337	0.045	0.442	233
TSI6AT12A	16	12	0.020	0.388	0.060	0.523	321
TSI6AT16A	16	16	0.020	0.449	0.060	0.584	365
TSI4AT02A	14	2	0.020	0.216	0.045	0.321	75
TSI4AT03A	14	3	0.020	0.233	0.045	0.338	99
TSI4AT04A	14	4	0.020	0.260	0.045	0.365	121
TSI4AT05A	14	5	0.020	0.292	0.045	0.397	143
TSI4AT07A	14	7	0.020	0.324	0.045	0.429	184
TSI4AT09A	14	9	0.020	0.391	0.045	0.496	230
TSI4AT12A	14	12	0.020	0.449	0.060	0.584	318
TSI4AT16A	14	16	0.020	0.508	0.060	0.643	401
TSI2CT02A	12	2	0.020	0.254	0.045	0.359	92
TSI2CT03A	12	3	0.020	0.274	0.045	0.379	123
TSI2CT04A	12	4	0.020	0.306	0.045	0.411	152
TSI2CT05A	12	5	0.020	0.343	0.045	0.448	182
TSI2CT07A	12	7	0.020	0.381	0.045	0.486	237
TSI2CT09A	12	9	0.020	0.460	0.060	0.595	323
TSI0CT02A	10	2	0.020	0.296	0.045	0.401	121
TSI0CT03A	10	3	0.020	0.320	0.045	0.425	162
TSI0CT04A	10	4	0.020	0.357	0.045	0.462	203
TSI0CT05A	10	5	0.020	0.400	0.045	0.505	245
TS08GT02A	8	2	0.030	0.452	0.060	0.587	234
TS08GT03A	8	3	0.030	0.488	0.060	0.623	390

All dimensions listed above are nominal. Consult factory for alternative sizes and configurations.

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 is not responsible for any claim traceable to such error.



Radix Wire
 26000 Lakeland Boulevard, Euclid, OH 44132
 Tel: 216 731-9191 • Fax: 216 731-7082
www.radix-wire.com