

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:

18 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. (Colors available)

Binder Tape:

Nomex tape

Shielding (Optional):

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

Jacketing:

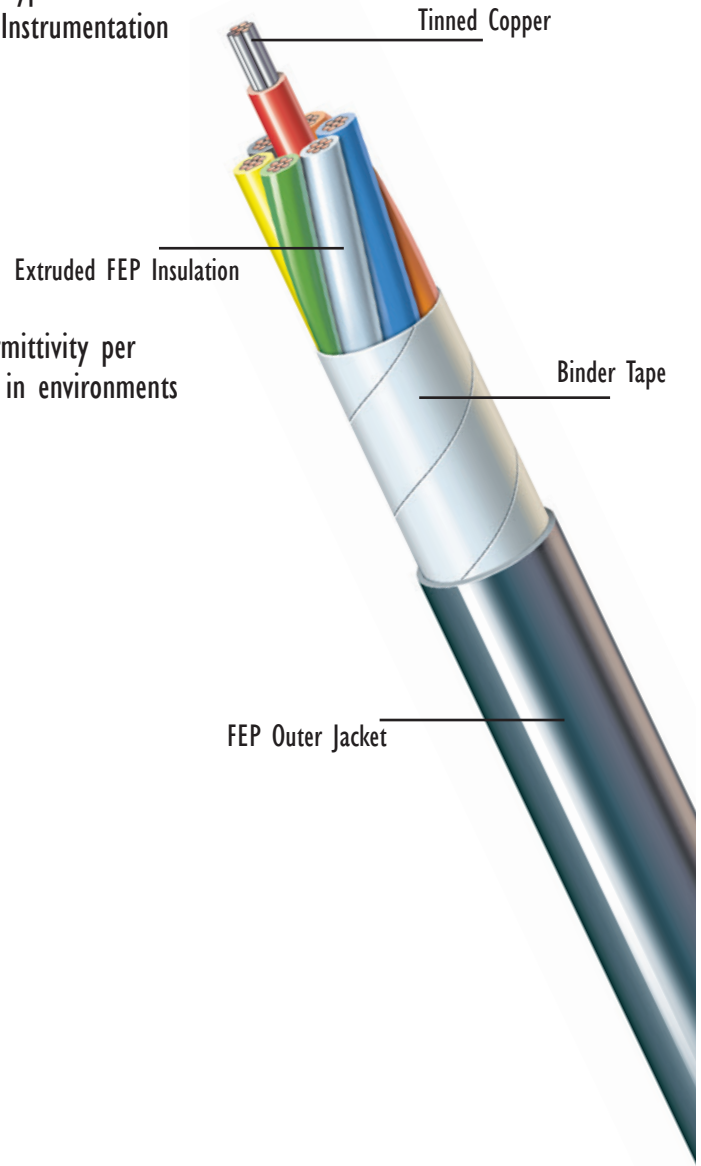
Extruded Fluorinated Ethylene Propylene (FEP). Standard color is black.

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

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EST. 1944

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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
TS18AT02A	18	2	0.020	0.140	0.045	0.245	52
TS18AT03A	18	3	0.020	0.186	0.045	0.291	67
TS18AT04A	18	4	0.020	0.207	0.045	0.312	80
TS18AT05A	18	5	0.020	0.220	0.045	0.325	93
TS18AT07A	18	7	0.020	0.257	0.045	0.362	117
TS18AT09A	18	9	0.020	0.295	0.045	0.400	144
TS18AT12A	18	12	0.020	0.341	0.045	0.446	180
TS18AT16A	18	16	0.020	0.394	0.045	0.499	226
TS18AT19A	18	19	0.020	0.429	0.060	0.564	282
TS16AT02A	16	2	0.020	0.160	0.045	0.265	62
TS16AT03A	16	3	0.020	0.212	0.045	0.317	81
TS16AT04A	16	4	0.020	0.236	0.045	0.341	99
TS16AT05A	16	5	0.020	0.251	0.045	0.356	116
TS16AT07A	16	7	0.020	0.393	0.045	0.498	148
TS16AT09A	16	9	0.020	0.337	0.045	0.442	233
TS16AT12A	16	12	0.020	0.388	0.060	0.523	321
TS16AT16A	16	16	0.020	0.449	0.060	0.584	365
TS14AT02A	14	2	0.020	0.216	0.045	0.321	75
TS14AT03A	14	3	0.020	0.233	0.045	0.338	99
TS14AT04A	14	4	0.020	0.260	0.045	0.365	121
TS14AT05A	14	5	0.020	0.292	0.045	0.397	143
TS14AT07A	14	7	0.020	0.324	0.045	0.429	184
TS14AT09A	14	9	0.020	0.391	0.045	0.496	230
TS14AT12A	14	12	0.020	0.449	0.060	0.584	318
TS14AT16A	14	16	0.020	0.508	0.060	0.643	401
TS12CT02A	12	2	0.020	0.254	0.045	0.359	92
TS12CT03A	12	3	0.020	0.274	0.045	0.379	123
TS12CT04A	12	4	0.020	0.306	0.045	0.411	152
TS12CT05A	12	5	0.020	0.343	0.045	0.448	182
TS12CT07A	12	7	0.020	0.381	0.045	0.486	237
TS12CT09A	12	9	0.020	0.460	0.060	0.595	323
TS10CT02A	10	2	0.020	0.296	0.045	0.401	121
TS10CT03A	10	3	0.020	0.320	0.045	0.425	162
TS10CT04A	10	4	0.020	0.357	0.045	0.462	203
TS10CT05A	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

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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