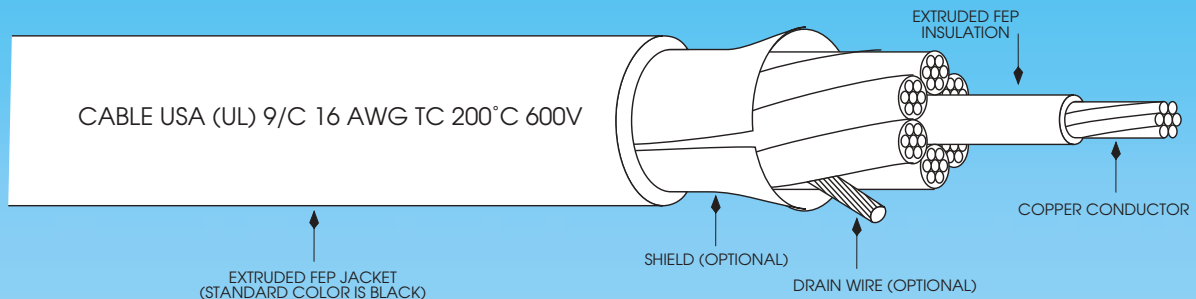


## FEP INSULATED TRAY CABLE Type TC



600V



### STANDARDS:

Conforms to articles 318 (Cable trays) and 340 (Power and Control) of the National Electric Code and Subject 1277 of UL. Exceeds the requirements of IEEE-383 flame test and passes UL VW-1 Vertical Wire Propagation Test.

### Benefits:

- Heat resistant.
- Chemically inert.
- Exceptional dielectric properties.
- Low coefficient of friction for easy cable pulls.
- Low flammability.
- Weather resistant, performs at all temperature extremes.

### Product Features

- Multi-conductor UL listed tray cables.
- **FEP** insulation and jackets.
- 600V, 90°C damp or dry locations.
- 200°C special applications.

### COMPONENTS:

#### Conductors:

Solid or stranded coated or uncoated soft annealed copper class B, C, or D per ASTM B-33. For 200°C special applications utilizing tin-coated or uncoated copper, individual strand diameter must exceed 0.015".

#### Primary Insulation:

Extruded Fluorinated Ethylene Propylene (**FEP**) per UL 83.

#### Color Code:

ICEA S-61-402 Method 1 is standard, (Fully pigmented base color conductors 1-9 with tracers after the 9<sup>th</sup> conductor). Other color codes are available and must be specified.

#### Shielding:

Aluminum backed with mylar film with drain wires available for pairs, triads or as an overall shield providing 100% coverage. An optional tin-plated copper braid shield is available overall.

#### Cable Binder:

Overall mylar or PTFE coated glass tape may be applied over the cable core assembly.

#### Overall Jacket:

Extruded Fluorinated Ethylene Propylene (**FEP**). Optional cableclad galvanized steel or aluminum interlocked armor available with or without jacket.

### OPTIONS:

Cableclad exterior armor (galvanized steel or aluminum interlocked armor with or without jacket).

- Shielding. (Foil or Braid)
- Drain wire.

Cable USA, Inc.

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## FEP INSULATED TRAY CABLE Type TC



600V

### CABLE USA MULTI-CONDUCTOR UL LISTED TRAY CABLE (UNSHIELDED)

Part Number	Conductor Size		No. of Cond.	Primary Wall		Core O.D.		Jkt		Nominal O.D.		Approx. Net Weight	
	AWG	MM2		MILS	MM	MILS	MM	MILS	MM	IN.	MM	#/MFT	KG/KM
181802C6	18	.75	2	20	.508	140	3.6	.045	1.14	.272	6.91	52	76
181803C6	18	.75	3	20	.508	186	4.7	.045	1.14	.286	7.26	67	99
181804C6	18	.75	4	20	.508	207	5.3	.045	1.14	.308	7.82	80	118
181805C6	18	.75	5	20	.508	220	5.6	.045	1.14	.334	8.48	93	139
181807C6	18	.75	7	20	.508	257	6.5	.045	1.14	.360	9.14	117	173
181809C6	18	.75	9	20	.508	295	7.5	.045	1.14	.415	10.54	144	214
181812C6	18	.75	12	20	.508	341	8.7	.045	1.14	.462	11.73	180	268
181816C6	18	.75	16	20	.508	394	10.0	.045	1.14	.510	12.95	226	337
181819C6	18	.75	19	20	.508	429	10.9	.060	1.52	.566	14.38	282	419
181825C6	18	.75	25	20	.508	492	12.5	.060	1.52	.647	16.43	356	530
181837C6	18	.75	37	20	.508	598	15.2	.060	1.52	.742	18.85	493	73
181602C6	16	1.5	2	20	.508	160	04.1	.045	1.14	.292	7.42	62	93
181603C6	16	1.5	3	20	.508	212	05.4	.045	1.14	.308	7.82	81	121
181604C6	16	1.5	4	20	.508	236	06.0	.045	1.14	.332	8.43	99	147
181605C6	16	1.5	5	20	.508	251	06.4	.045	1.14	.361	9.17	116	173
181607C6	16	1.5	7	20	.508	293	07.4	.045	1.14	.390	9.91	148	220
181607C6	16	1.5	9	20	.508	337	08.6	.045	1.14	.451	11.46	184	274
181612C6	16	1.5	12	20	.508	388	09.9	.045	1.14	.504	12.80	233	347
181616C6	16	1.5	16	20	.508	449	11.4	.060	1.52	.587	14.91	321	477
181619C6	16	1.5	19	20	.508	489	12.4	.060	1.52	.616	15.65	365	544
181625C6	16	1.5	25	20	.508	561	14.2	.060	1.52	.706	17.93	465	692
181637C6	16	1.5	37	20	.508	682	17.3	.060	1.52	.812	20.62	650	968
181402C6	14	2.5	2	20	.508	216	5.5	.045	1.14	.320	8.13	75	112
181403C6	14	2.5	3	20	.508	233	5.9	.045	1.14	.338	8.59	99	147
181404C6	14	2.5	4	20	.508	260	6.6	.045	1.14	.366	9.30	121	179
181405C6	14	2.5	5	20	.508	292	7.4	.045	1.14	.398	10.11	143	213
181407C6	14	2.5	7	20	.508	324	8.2	.045	1.14	.432	10.97	184	274
181409C6	14	2.5	9	20	.508	391	9.9	.045	1.14	.501	12.73	230	342
181412C6	14	2.5	12	20	.508	449	11.4	.060	1.52	.592	15.04	318	473
181416C6	14	2.5	16	20	.508	508	12.9	.060	1.52	.652	16.56	401	597
181419C6	14	2.5	19	20	.508	540	13.7	.060	1.52	.686	17.42	460	685
181425C6	14	2.5	25	20	.508	639	16.2	.060	1.52	.789	20.04	588	875
181437C6	14	2.5	37	20	.508	756	19.2	.080	2.03	.950	24.13	882	1,312
181202C6	12	4	2	20	.508	254	6.5	.045	1.14	.344	8.74	92	137
181203C6	12	4	3	20	.508	274	7.0	.045	1.14	.364	9.25	123	183
181204C6	12	4	4	20	.508	306	7.8	.045	1.14	.395	10.03	152	227
181205C6	12	4	5	20	.508	343	8.7	.045	1.14	.431	10.95	182	271
181207C6	12	4	7	20	.508	381	9.7	.045	1.14	.468	11.89	237	353
181209C6	12	4	9	20	.508	460	11.7	.060	1.52	.575	14.61	323	480
181212C6	12	4	12	20	.508	528	13.4	.060	1.52	.642	16.31	410	610
181216C6	12	4	16	20	.508	597	15.2	.060	1.52	.709	18.01	522	777
181219C6	12	4	19	20	.508	635	16.1	.060	1.52	.746	18.95	603	897
181002C6	10	6	2	20	.508	296	7.5	.045	1.14	.392	9.96	121	179
181003C6	10	6	3	20	.508	320	8.1	.045	1.14	.416	10.57	162	241
181004C6	10	6	4	20	.508	357	9.1	.045	1.14	.453	11.51	203	302
181005C6	10	6	5	20	.508	400	10.2	.045	1.14	.496	12.60	245	364
180802C6	8	10	2	30	.762	452	11.5	.060	1.52	.578	14.68	234	348
180803C6	8	10	3	30	.762	488	12.4	.060	1.52	.614	15.60	311	463
180804C6	8	10	4	30	.762	544	13.8	.060	1.52	.671	17.04	390	581
180805C6	8	10	5	30	.762	610	15.5	.060	1.52	.736	18.69	471	701
180602C6	6	16	2	30	.762	536	13.7	.060	1.52	.662	16.81	317	472
180603C6	6	16	3	30	.762	579	14.8	.060	1.52	.705	17.91	430	640
180604C6	6	16	4	30	.762	646	16.4	.060	1.52	.772	19.61	545	811
180605C6	6	16	5	30	.762	724	18.4	.080	2.03	.890	22.61	713	1,061

Larger sizes, number of conductors and ground wires are available upon request.

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