



## CPE Control Cable UL Type TC 600 Volt Control Cable

**Description:** Available with tinned conductors. Conductors are stranded, annealed copper, insulated with **30 mils** heat and moisture resistant cross-linked polyethylene (type XHHW-2), phase identified. Cabled together with fillers, where necessary. Cable core is covered with binder tape, longitudinally applied corrugated copper tape shield, and an overall flame and sunlight resistant black, CPE Jacket.

**Features:**  
Suitable for use in NEC Hazardous locations:  
Class I, Div. 2; Class II, Div. 2

**Standards:**  
Exposed runs rated  
UL1277  
Cable passes IEEE 1202/CSA FT-4, IEEE 383, UL 1581  
Flame Tests  
Two-hour Firewall rated  
Sunlight resistant for CT use; Direct Burial  
Temperature Rating: 90° C Wet/Dry  
ICEA S-95-658/NEMA WC-70  
Color Code K-2 or K-1  
Exposed runs rated (TC-ER)  
RoHS Compliant

Tray and Power Cables

	Part Number	Number of Cond	Overall Jacket (mils)	Nominal Diameter (inches)	Approx. Net Weight (lb/1000)	Ampacity* (30°C Ambient Wet/Dry) 90°C
<b>#14 AWG</b>	TCCPESHC14/2	2	45	.461	108	25
	TCCPESHC14/3	3	45	.482	128	25
	TCCPESHC14/4	4	60	.546	167	20
	TCCPESHC14/5	5	60	.584	192	20
	TCCPESHC14/7	7	60	.624	234	17
	TCCPESHC14/9	9	60	.706	285	17
	TCCPESHC14/12	12	60	.777	351	12
	TCCPESHC14/19	19	80	.929	533	12
<b>#12 AWG</b>	TCCPESHC12/2	2	45	.499	132	30
	TCCPESHC12/3	3	60	.552	176	30
	TCCPESHC12/4	4	60	.592	210	24
	TCCPESHC12/5	5	60	.635	243	24
	TCCPESHC12/7	7	60	.681	306	21
	TCCPESHC12/9	9	60	.774	375	21
	TCCPESHC12/12	12	80	.896	501	15
	TCCPESHC12/19	19	80	1.024	718	15
<b>#10 AWG</b>	TCCPESHC10/2	2	60	.578	162	40
	TCCPESHC10/3	3	60	.605	197	40
	TCCPESHC10/4	4	60	.651	235	32
	TCCPESHC10/5	5	60	.701	272	32
	TCCPESHC10/7	7	60	.754	339	28
	TCCPESHC10/9	9	80	.903	459	28
	TCCPESHC10/12	12	80	.997	565	20
	TCCPESHC10/19	19	80	1.146	803	20

\*Per NEC Table 310-16 (Ampacity derated in accordance with note 8a)

\*The overcurrent protection for items marked with a (\*) shall not exceed 15 amps for 14 AWG, 20 amps for 12 AWG and 30 amps for 10 AWG per NEC 310-16 footnote.

NOTE: The data shown is approximate and subject to standard industry tolerances.

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