



**Designed for maximum ease of installation.
Specifications Guaranteed.**

UL-Listed low capacitance data cable, individually shielded pairs and drain wires. UV resistant. Designed for super easy pulling and stripping in permanent installations. Colour coded foil shielding for easy reference.

Specifications

Part Number	PC244T	
Conductors	Size and Stranding	24 AWG [0.25 mm ²] stranded 7 x 32
	Material	Tinned, annealed copper
Insulation	Material	Foam HDPE, 60° C, 300 Volt
	Wall Thickness	0.019 in [0.48 mm] nom.
	Diameter	0.062 in [1.57 mm] nom.
	Colour Code	Black/White paired with silver shield. Black/Red paired with red shield.
Shields	Inner Shield	Aluminium/mylar, 100% coverage with drain wire.
	Drain	24 AWG [0.25 mm ²] Tinned, annealed copper stranded 7 x 32
Jacket	Material	UL listed PVC compound. The UL testing of the compound includes exposure to sunlight (UV, visible and IR), both rain and salt water, and temperature fluctuations, over 720 hours. After exposure the physical properties of the jacket are tested for, and must meet, a minimum retention of original properties.
	Wall Thickness	0.035 in [0.89 mm] nom.
	Jacket Colour	Grey
Physical	Legend	PROPLEX PC244T 24 AWG, 2 SHIELDED PAIR, LOW-CAP CONTROL CABLE, CM (UL) E194712 CMH C(UL) FT1, INSTALLATION CABLE
	Assembly	Pairs cabled with individual shields, drain wires, fillers and clear polyester binder.
	Outside Diameter	0.315 in [8 mm] nom.
	Weight	28 lbs. per 1,000 ft. [39.9 Kg/Km]
	Temperature	Plus 60 °C, minus 20 °C
	Bend Radius	1.6 in [40.6 mm] min.
	Pull Tension	14 lbs. [6.4 Kg] max.
Electrical	Conductivity	24.0 Ohms (max.) @ 20 °C
	Characteristic Impedance	100 Ohms @ 1 MHz
	Capacitance	13.5 pf/ft. nom. conductor-to-conductor
		31 pf/ft. nom. conductor-to-shield
Inductance	0.125 uH / ft. nom.	
Listing	CM CMH C(UL) 1581-Listed	

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Los Angeles
+1 818.899.8818

London
+44 (0)20.8574.9700

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tmb
www.tmb.com

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+1 519.538.0888

Beijing
+86 10.8492.1587

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