



PLT2.5I-C



- For indoor use
- Versatile cable ties can be used in countless applications
- One-piece construction for consistent performance and reliability
- Lowest threading force of any one-piece cable tie in the industry
- A variety of materials and colors available for specific applications
- Miniature to Standard cross sections feature a curved tip for easy threading and handling

■ Part Number	PLT2.5I-C
■ RoHS Compliancy Status	Compliant
■ Part Description	Cable Tie, 9.7", Intermediate cross section
■ Product Type	Cable Ties
■ Material	Nylon 6.6
■ Color	Natural
■ CSA Certified	Yes
■ UL Listed (File #E56854)	Yes
■ UL Recognized (File #E56854)	Yes
■ Length (In.)	9.7
■ Length (mm)	246
■ Width (In.)	.145
■ Width (mm)	3.7
■ CE Compliant	Yes
■ Cross Section	Intermediate
■ Head Height (In.)	.180
■ Head Height (mm)	4.6
■ Head Width (In.)	.260
■ Head Width (mm)	6.6
■ Locking Style	Locking
■ Material Flammability Rating	UL 94V-2
■ Max. Bundle Diameter (In.)	2.50
■ Max. Bundle Diameter (mm)	64
■ Max. Continuous Use Temperature	185°F (85°C)
■ Min. Loop Tensile Strength (Lbs.)	40
■ Min. Loop Tensile Strength (N)	178

■ Pricing Description	Cable Tie, 9.7"L (246mm), Intermediate, Nylon, Natural
■ Thickness (In.)	.052
■ Thickness (mm)	1.3
■ Tool	GTS, GTSL, GS2B, PTS, PPTS, STS2
■ Min. Order UOM	PC
■ Min. Order Qty.	100
■ BOM Qty. (# of Pkgs.)	

Figure 1 illustrates the dimensional and geometric tolerances for a probe. The diagram shows a probe with various features labeled A through F. Feature A is the tip, with a tolerance of $A \pm .01 (.25)$. Feature B is the body diameter, with a tolerance of $B \pm .01 (.25)$. Feature C is the theoretical point, with a tolerance of C REF. Feature D is the base, with a tolerance of $D \pm .01 (.25)$. Feature E is the handle, with a tolerance of $E \pm .01 (.25)$. Feature F is the reference length, with a tolerance of F REF. The probe is shown in two configurations: a straight tip and a curved tip.

PANDUIT PART NO. *	BUNDLE DIA.		A in (mm)	B in (mm)	C in (mm)	D in (mm)	E in (mm)	F in (mm)	MIN. LOOP TENSILE ^{lbs.} (N)	CROSS SECTION	TIP STYLE	WEIGHT ^{lbs.} /100 pcs. (g)
	MIN. ⁱⁿ (mm)	MAX. ⁱⁿ (mm)										
PLT.6SM	.01 (.3)	.6 (15)	.030 (.76)	.070 (1.8)	.124 (3.1)	.095 (2.4)	.125 (3.2)	2.8 (71)	8 (36)	SUB-MINIATURE	CURVED	.02 (9.0)
PLT.7M	.03 (.8)	.68 (17)	.032 (.8)	.090 (2.3)	.148 (3.8)	.115 (2.9)	.180 (4.6)	3.1 (79)	18 (80)	MINIATURE	CURVED	.04 (16)
PLT1M	.06 (1.5)	.87 (22)	.043 (1.1)	.098 (2.5)	.169 (4.3)	.154 (3.9)	.180 (4.6)	3.9 (99)	18 (80)	MINIATURE	CURVED	.07 (32)
PLT1.5M	.06 (1.5)	1.25 (32)	.043 (1.1)	.098 (2.5)	.169 (4.3)	.154 (3.9)	.180 (4.6)	5.6 (142)	18 (80)	MINIATURE	CURVED	.10 (45)
PLT2M	.06 (1.5)	2.00 (51)	.043 (1.1)	.098 (2.5)	.169 (4.3)	.154 (3.9)	.180 (4.6)	8.0 (203)	18 (80)	MINIATURE	CURVED	.13 (59)
PLT1.5I	.06 (1.5)	1.38 (35)	.045 (1.1)	.142 (3.6)	.206 (5.2)	.180 (4.6)	.240 (6.1)	5.6 (142)	40 (178)	INTERMEDIATE	CURVED	.14 (64)
PLT2I	.06 (1.5)	2.00 (51)	.045 (1.1)	.142 (3.6)	.206 (5.2)	.180 (4.6)	.240 (6.1)	8.0 (203)	40 (178)	INTERMEDIATE	CURVED	.20 (91)
PLT2.5I	.06 (1.5)	2.50 (64)	.052 (1.3)	.145 (3.7)	.220 (5.6)	.180 (4.6)	.260 (6.6)	9.7 (246)	40 (178)	INTERMEDIATE	CURVED	.27 (122)

*2) SEE CURRENT PRICE SHEET FOR PART NUMBER SUFFIX DESIGNATION FOR PACKAGE SIZE & PART COLOR.

SS_5540_31.PRT

DIMENSIONS IN PARENTHESES ARE IN METRIC UNITS

										PANDUIT CORP. TINLEY PARK, ILLINOIS				
										PAN-TY CABLE TIES PLT SERIES				
										UNLESS OTHERWISE SPECIFIED, DIMENSIONAL TOLERANCES ARE: (.X) ± .020(.51) (.XX) ± .02(.51) ANGLES ± .020(.51)			UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE GIVEN IN INCHES, THIRD ANGLE PROJECTION.	
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31	9/9/04	ERW		CORRECTED METRIC CONVERSIONS	5540	31				DATE 12-27-84			DRAWING NO. SS-5540 SHEET 1	
30	2/12/03	JABO		CORRECTED PLT2M/2I 2.00 BUNDLE DIA (mm) TO (51)	5540	30				CHK'D HVP				
REV	DATE	BY	CHK	DESCRIPTION	ECN	- R	CUST	SUP						