

# VERTICAL DROP POLES



Vertical Drop Poles distribute power and communication services from overhead wiring systems to open spaces.

## CODE REFERENCE

**cULus Listed Multioutlet Assemblies:**  
File E15191, E178348 Guide PVTG  
**Raceway Fittings:** File E41751 Guide RJPR  
**Accessories:** File E53857 Guide RVUR  
Meets Article 380 & 386 of NEC.

## Vertical Drop Poles Wire Fill Capacities

CATALOG NUMBER	POLE HEIGHT		FINISH	CAT 5		CAT 6		RG58/U		RG62A/U		RG62/U	
	Inches	mm		0.22" COMP.	[5.6mm] LG. COMP.	0.25" SM. COMP.	[6.3mm] LG. COMP.	0.195" SM. COMP.	[5.0mm] LG. COMP.	0.242" SM. COMP.	[6.1mm] LG. COMP.	0.270" SM. COMP.	[6.9mm] LG. COMP.
25DTC-4	10' 5"	[3.175m]	Ivory/Gray	10	19	9	17	13	25	8	16	7	13
25DTC-412	12' 5"	[3.780m]	Ivory/Gray	10	19	9	17	13	25	8	16	7	13
25DTC-415	15' 5"	[4.700m]	Ivory/Gray	10	19	9	17	13	25	8	16	7	13
25DTC-E10	10' 5"	[3.175m]	Ivory/Gray	10	19	9	17	13	25	8	16	7	13
30TC-2V	10' 5"	[3.175m]	Ivory	N/A	33	N/A	30	N/A	47	N/A	30	N/A	24
30TC-2V212	12' 5"	[3.780m]	Ivory	N/A	34	N/A	31	N/A	48	N/A	31	N/A	25
30TC-4V	10' 5"	[3.175m]	Ivory	37	37	30	30	47	47	30	30	24	24
30TC-4V412	12' 5"	[3.780m]	Ivory	37	37	30	30	47	47	30	30	24	24
30TC-3S2	10' 5"	[3.175m]	Ivory	37	37	30	30	47	47	30	30	24	24
AMTC-4	10' 5"	[3.175m]	Aluminum	19	26	16	22	25	33	16	21	13	17
AMTC-412	12' 5"	[3.780m]	Aluminum	19	26	16	22	25	33	16	21	13	17
AMTC-415	15' 5"	[4.700m]	Aluminum	19	26	16	22	25	33	16	21	13	17
ALTP-20W	10' 4"	[3.150m]	White	10	8	13	8	6					
ALTP-2P	10' 4"	[3.150m]	Aluminum	10	8	13	8	6					
ALTP-2S	10' 4"	[3.150m]	Aluminum	10	8	13	8	6					
NP800C-12-2B	10' 2"	[3.098m]	Aluminum										
NP800C-12-8B	12' 8"	[3.860m]	Aluminum										
NP800C-15-2B	15' 2"	[4.620m]	Aluminum										

# VERTICAL DROP POLES

## Vertical Drop Steel Tele-Power Poles Ordering Information

### 25DTC-4 Blank Steel Pole



25DTC-4

#### 25DTC-4-DG, 25DTC-412, 25DTC-412-DG, 25DTC-415, 25DTC-415-DG

Two-compartment pole. Nominal material thickness .040" [1.0mm] Ivory boot base. Furnished unwired without outlets. Mounting hardware, entrance end plate and ceiling trip plates furnished.

Available lengths:

- 10'5" [3.2m] (25DTC-4)
- 12'5" [3.8m] (25DTC-412)
- 15'5" [4.7m] (25DTC-415)

### 30TC-2V Blank Steel Pole



30TC-2V

#### 30TC-212V, 30TC-215V

Single-compartment pole. Furnished unwired without outlets. Nominal wall thickness .040" [1.0mm]. Mounting hardware, entrance end fitting and ceiling trim plates furnished.

Available lengths:

- 10'5" [3.2m] (30TC-2V)
- 12'5" [3.8m] (30TC-212V)
- 15'5" [4.7m] (30TC-215V)

### 25DTC-E10 Blank Steel Tele-Power Express Pole

#### 25DTC-E10, 25DTC-E10-DG

Two sections of a two-compartment pole [5'4" [1.63m] base + 5' [1.52m] extender] assembles to form a 10'4" [3.15m] pole. Nominal material thickness .040" [1.0mm]. Ivory boot base. Furnished unwired without outlets. Mounting hardware, entrance end plate and ceiling trip plate furnished. An 8" [203mm] cover at top front of pole is removable for making power wiring connections.

### 30TC-4V Blank Steel Pole



30TC-4V

#### 30TC-412V, 30TC-415V

Two-compartment pole. Nominal wall thickness .040" [1.0mm]. Mounting hardware, entrance end fitting and ceiling trim plates furnished.

Available lengths:

- 10'5" [3.2m] (30TC-4V)
- 12'5" [3.8m] (30TC-412V)
- 15'5" [4.7m] (30TC-415V)

**NOTE:** All poles have removable cover sections with KOs for modular jacks and openings to accept modular furniture adapters for communication devices.

## Vertical Drop Aluminum Tele-Power Poles Ordering Information

### AMTC-4 Blank Aluminum Pole



AMTC-4

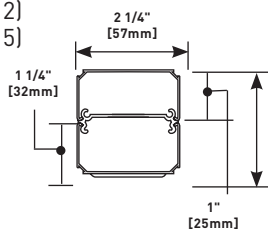
#### AMTC-412, AMTC-415

Two-compartment pole. Nominal material thickness .050" [1.8mm]. Furnished unwired without outlets. Two 8" [203mm] removable covers with KOs for modular jacks and modular furniture communication outlets. Mounting hardware, entrance end plate and ceiling trip plates furnished.

Available lengths:

- 10'5" [3.2m] (AMTC-4)
- 12'5" [3.8m] (AMTC-412)
- 15'5" [4.7m] (AMTC-415)

Custom options: Features such as colors or other lengths [20' [6.1m] maximum] available on custom order.



### NP800C-10-2B Blank Aluminum Pole

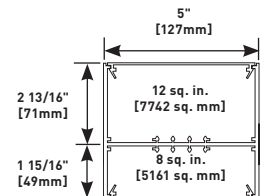


Other heights available – consult factory; 30" [762mm] communication cover with industry standard knockouts.

#### NP800C-12-2B, NP800C-15-2B

Two-compartment large capacity pole. Furnished unwired without outlets. Box ended with industry sized knockouts. Standard heights:

- 10'2" [3.1m]
- 12'8" [3.9m]
- 15'2" [4.6m]



## Communication Vertical Drop Poles

- For utility feed drops of power wiring and/or communication cabling.
- Removable device covers on both sides permit connector termination without dismantling pole.
- Knockouts for modular voice/data jacks and a furniture-type outlet for direct connections.



**25AM10FO**

### Ordering Guide

CATALOG NO.	HEIGHT	FINISH
25DTC-4	10' 5" [3.175m]	Ivory Steel
25DTC-412	12' 5" [3.780m]	
25DTC-415	15' 5" [4.700m]	
30TC-2V	10' 5" [3.175m]	Ivory Steel
30TC-4V		
AMTC-4	10' 5" [3.175m]	Anodized
AMTC-412	12' 5" [3.780m]	Aluminum
AMTC-415	15' 5" [4.700m]	
NP600C-10-2B	10' 2" [3.098m]	Anodized
NP600C-12-8B	12' 8" [3.960m]	Aluminum
NP600C-15-2B	15' 2" [4.620m]	
NP800C-10-2B	10' 2" [3.098m]	Anodized
NP800C-12-8B	12' 8" [3.960m]	Aluminum
NP800C-15-2B	15' 2" [4.620m]	
ALTC-2OW		Painted Office White
ALTC-2P	10' 3" [3.124m]	Polished Aluminum Anodized
ALTC-2S		Satin Anodized
25AM10FO	2" [51mm] radius control entrance fitting for 25DT and AMTC Series†	

### Communication Capacities \*

CABLE TYPE & SIZE	TYPICAL O.D. Inches [mm]	25DTP AMDTP SERIES	30TP-2V SERIES	30TP-4V SERIES 30TC-2V 30TC-4V**	AMTC & 25DTC SERIES		NP620-2 NP600C-2** SERIES	ALTC SERIES	NP800 SERIES	
					SMALL COMPT.	LARGE COMPT.			8 SQ IN	12 SQ IN
<b>UNSHIELDED TWISTED PAIR (UTP)</b>										
4-pair, 24 AWG, Cat 5	0.220 [5.6]	19	33	37	19	26	22	10	84	126
4-pair, 24 AWG, Cat 3	0.190 [4.8]	26	44	49	26	34	30	13	112	169
<b>TELEPHONE</b>										
2-pair, 24 AWG	0.140 [3.6]	48	81	91	48	63	56	24	207	311
3-pair, 24 AWG	0.150 [3.8]	42	70	79	42	55	48	21	181	271
4-pair, 24 AWG	0.190 [4.8]	26	44	49	26	34	30	13	112	169
25-pair, 24 AWG	0.410 [10.4]	5	9	10	5	7	6	3	24	36
<b>COAXIAL</b>										
RG58/U 18 Gauge	0.195 [5.0]	25	41	47	25	33	29	13	107	160
RG59/U 22 Gauge	0.242 [6.1]	16	27	30	16	21	19	8	69	104
RG62A/U 20 Gauge	0.242 [6.1]	16	27	30	16	21	19	8	69	104
RG6/U 22 Gauge	0.270 [6.9]	13	22	24	13	17	15	6	55	83
<b>TWINAXIAL</b>										
100 Ohm	0.330 [8.4]	8	14	16	8	11	10	4	37	56
<b>SHIELDED TWISTED PAIR (STP)</b>										
TYPE 1	0.390 [9.9]	6	10	12	6	8	7	3	26	40
TYPE 2	0.465 [11.8]	4	7	8	4	6	5	2	18	28
TYPE 9	0.245 [6.2]	16	26	30	16	21	18	8	67	101
<b>FIBER OPTIC</b>										
Two Strand (Duplex) Multimode, 62.5 / 125 μm	0.190 [4.8]	26	44	49	26	34	30	13	112	169,

\* 40% cable fill is the maximum designed cable fill based on a proposed revision to TIA/EIA 569-A.

\*\* For each compartment.

† When used with TC Series, only one side is a controlled radius.