

SCHEDULE 40 UTILITY PVC RIGID NONMETALLIC CONDUIT AND ELBOWS



Schedule 40 Utility Conduit
Schedule 40 Cellular Core PVC
Utility Conduit

Schedule 40 Utility Elbows

Schedule 40 Utility Long Belled
Elbows



Schedule 40 PVC Rigid Nonmetallic Utility Conduit

- Designed for normal-duty applications aboveground; concrete-encased applications or direct burial. Specifically designed for the power utility specifications.
- Rated for use with 90°C conductors
- NEMA TC-2
- Made in USA
- Non-ETL Listed



*With Integral Bell

Part Number		Trade Size	Std. Crate Qty.		Wt. Per 100'	Dimensions	
10'	20'		10'	20'		O.D. (Avg.)	Wall (Min.)
59610-010	59610-020	1 1/2"	2250'	4500'	56	1.900	0.145
59611-010	59611-020	2"	1400'	2800'	75	2.375	0.154
59612-010	59612-020	2 1/2"	930'	1860'	124	2.875	0.203
59613-010	59613-020	3"	880'	1760'	172	3.500	0.216
59615-010	59615-020	4"	570'	1140'	244	4.500	0.237
59616-010	59616-020	5"	380'	760'	331	5.563	0.258
59617-010	59617-020	6"	260'	520'	430	6.625	0.280
59618-010	59618-020	8"	140'	280'	647	8.625	0.322



Integral Bell Dimension Specifications

1. O.D., I.D, and Wall meet NEMA TC-2, Table 3-1.
2. Bell Entrance and Bottom dimensions meet NEMA TC-2, Table 3-2.
3. Bell Depth meets NEMA TC-2 Table 3-2 minimum socket depth standards.

Schedule 40 Cellular Core PVC Utility Conduit

- PVC Rigid Nonmetallic Cellular Core Conduit (Heavy Wall EPC-40)
- For direct earth burial and concrete encasement, specifically designed for the power utility specifications.
- Rated for use with 90°C conductors
- NEMA TC-2
- NEC 352
- Made in USA
- *Non-ETL Listed*

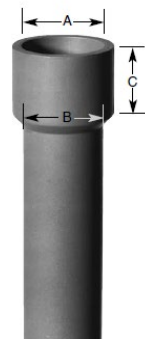


Part Number		Trade Size	Wt. per 100'	Std. Crate Qty.		Dimensions		
10'	20'			10'	20'	O.D.	I.D.	Wall
59611FC-010	59611FC-020	2"	66	1400'	2800'	2.375	2.067	0.154
59613FC-010	59613FC-020	3"	105.7	880'	1760'	3.500	3.068	0.216
59615FC-010	59615FC-020	4"	186.5	570'	1140'	4.500	4.026	0.237
59616FC-010	59616FC-020	5"	197.5	380'	760'	5.563	5.047	0.258
59617FC-010	59617FC-020	6"	333	260'	520'	6.625	6.065	0.280

*With Integral Bell

Acceptable Dimensions in Inches of Integral Bell per *NEMA TC-2.

Trade Size	A	B	C
	At Entrance (in.)	At Bottom (in.)	Bell Depth
	Average	Average	Nominal (in.)
2"	2.393	2.369	3.5
3"	3.515	3.492	4.375
4"	4.515	4.491	4.875
5"	5.593	5.553	5.875
6"	6.658	6.614	6.50



*Prime Conduit's bell depth meets and/or exceeds NEMA TC-2 minimum bell depth standards.

Schedule 40 Cellular Core Utility Conduit uses standard Schedule 40 Utility Elbows and fittings.

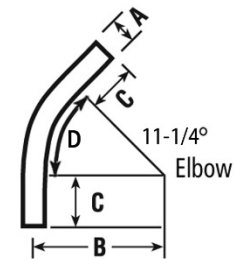
Schedule 40 Utility PVC Elbows

Non-ETL Listed

Prime Conduit Schedule 40 Utility Elbow Part Number Legend					
Position:	Type	Angle	Radius	Nominal Diameter	Belled or Non-Belled
Example:	UC	5	C	K	B
Description:	Sch. 40 Utility	22 1/2°	18"	2-1/2"	Belled
	*ONLY 8" Utility Elbows can start with UC or UA.	9 = 90° 7 = 45° 6 = 30° 5 = 22 1/2° 3 = 11 1/4°	B = 12" C = 18" D = 24" E = 30" F = 36" H = 48" I = 60" J = 72"	H = 1-1/2" J = 2" K = 2-1/2" L = 3" N = 4" P = 5" R = 6" T = 8"	B = Belled (Blank) = Non-Belled

Consult Prime Conduit for additional sizes and configurations.

Trade Size	¹ Average OD "A"	Special Radius "B"	² Min. Tangent Length "C"	Arc Length "D"
1-1/2"	1.900"	See part number to define radius.	2"	*See calculation below.
2"	2.375"		2"	
2 1/2"	2.875"		3"	
3"	3.500"		3.125"	
4"	4.500"		3.375"	
5"	5.563"		3.625"	
6"	6.625"		3.75"	
8"	8.625"		6.125"	



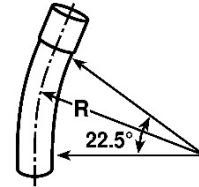
*Arc Length "D" = $[2 * \text{Radius}] * \pi * [\text{Angle}/360]$

Example: Arc Length_{UC5CKB} = $[2 * 18] * 3.14 * [22.5/360] = 7.07"$

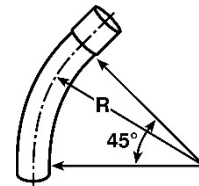
1. Outer Diameters meet NEMA TC-2, Table 3-1.
2. 1-1/2" – 6" Tangent Lengths meet NEMA TC-3, Table 3.5.
3. Bell Lengths meet minimum socket depth per NEMA TC-3, Table 3-4.

Schedule 40 Utility PVC Elbows

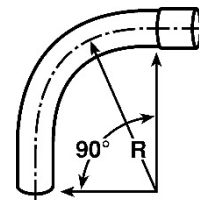
Part Number	Trade Size	Type	Radius	EACH UPC
UC5CKB	2-1/2"	BELL END	18"	670648341881
UC5FKB	2-1/2"	BELL END	36"	670648229486
UC5FNB	4"	BELL END	36"	670648229493
UC5HNB	4"	BELL END	48"	670648181753
UC5FRB	6"	BELL END	36"	670648229509
UA5FT	8"	PLAIN END	36"	670648174977
UA5HT	8"	PLAIN END	48"	670648174960



Part Number	Trade Size	Type	Radius	EACH UPC
UC7DJB	2"	BELL END	24"	670648967364
UC7FJB	2"	BELL END	36"	670648342116
UC7CKB	2-1/2"	BELL END	18"	670648342031
UC7FKB	2-1/2"	BELL END	36"	670648229561
UC7FLB	3"	BELL END	36"	670648342130
UC7FNB	4"	BELL END	36"	670648229592
UC7HNB	4"	BELL END	48"	670648181760
UC7HRB	6"	BELL END	48"	670648229615
UA7FT	8"	PLAIN END	36"	670648174984
UA7HT	8"	PLAIN END	48"	670648226379
UC7ITB	8"	BELL END	60"	670648184860



Part Number	Trade Size	Type	Radius	EACH UPC
UC9BJB	2"	BELL END	12"	670648342277
UC9DJB	2"	BELL END	24"	670648342321
UC9FJB	2"	BELL END	36"	670648229677
UC9HJB	2"	BELL END	48"	670648342543
UC9DKB	2-1/2"	BELL END	24"	670648342338
UC9FKB	2-1/2"	BELL END	36"	670648229684
UC9DLB	3"	BELL END	24"	670648342345
UC9FLB	3"	BELL END	36"	670648229691
UC9DNB	4"	BELL END	24"	670648229653
UC9FNB	4"	BELL END	36"	670648229714
UC9HNB	4"	BELL END	48"	670648229738
UC9FRB	6"	BELL END	36"	670648229721
UC9HRB	6"	BELL END	48"	670648229752
UA9FT	8"	PLAIN END	36"	670648174991
UA9HT	8"	PLAIN END	48"	670648227598



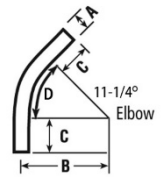
Carton quantity = 1

Schedule 40 Utility Long Belled PVC Elbows

Non-ETL Listed

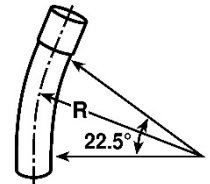
Prime Conduit Schedule 40 Utility Long Belled Elbow Part Number Legend					
Position:	Type	Angle	Radius	Nominal Diameter	Belled or Non-Belled
Example:	UC	9	C	J	BLB
Description:	Sch. 40 Utility	90°	18"	2"	Long Belled
		9 = 90° 7 = 45° 5 = 22 1/2°	B = 12" C = 18" D = 24" E = 30" F = 36" H = 48"	J = 2" L = 3" N = 4" P = 5" R = 6" T = 8"	BLB = Belled Long Bell

Trade Size	Average OD "A"	Special Radius "B"	Min. Tangent Length "C"	Arc Length "D"	Bell Length
2"	2.375"	See part number to define radius.	3.125"	*See calculation below.	3.25"
3"	3.500"		3.875"		4"
4"	4.500"		3.875"		4.75"
5"	5.563"		5.5"		5.75"
6"	6.625"		6.125"		6.25"

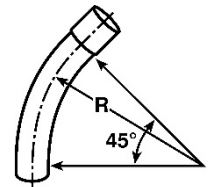


*Arc Length "D" = $[2 * \text{Radius}] * \pi * [\text{Angle}/360]$
 Example: Arc Length_{UC5FRBLB} = $[2*36] * 3.14 * [22.5/360] = 14.13$

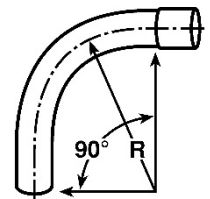
Part Number	Trade Size	Type	Radius	EACH UPC
UC5FRBLB	6"	LONG BELL	36"	670648179736



Part Number	Trade Size	Type	Radius	EACH UPC
UC7CJBLB	2"	LONG BELL	18"	670648179743
UC7DJBLB	2"	LONG BELL	24"	670648179460
UC7FJBLB	2"	LONG BELL	36"	670648179897
UC7HJBLB	2"	LONG BELL	48"	670648179903
UC7DLBLB	3"	LONG BELL	24"	670648179477
UC7FLBLB	3"	LONG BELL	36"	670648179750
UC7HLBLB	3"	LONG BELL	48"	670648179910
UC7DNBLB	4"	LONG BELL	24"	670648179927
UC7FNBLB	4"	LONG BELL	36"	670648179934
UC7HNBLB	4"	LONG BELL	48"	670648179767
UC7DPBLB	5"	LONG BELL	24"	670648179941
UC7FPBLB	5"	LONG BELL	36"	670648179958
UC7HPBLB	5"	LONG BELL	48"	670648179965
UC7FRBLB	6"	LONG BELL	36"	670648179972
UC7HRBLB	6"	LONG BELL	48"	670648179774



Part Number	Trade Size	Type	Radius	EACH UPC
UC9CJBLB	2"	LONG BELL	18"	670648179781
UC9DJBLB	2"	LONG BELL	24"	670648179217
UC9FJBLB	2"	LONG BELL	36"	670648179231
UC9HJBLB	2"	LONG BELL	48"	670648179798
UC9DLBLB	3"	LONG BELL	24"	670648179248
UC9FLBLB	3"	LONG BELL	36"	670648179255
UC9HLBLB	3"	LONG BELL	48"	670648179804
UC9DNBLB	4"	LONG BELL	24"	670648179484
UC9FNBLB	4"	LONG BELL	36"	670648179224
UC9HNBLB	4"	LONG BELL	48"	670648179491
UC9DPBLB	5"	LONG BELL	24"	670648179989
UC9FPBLB	5"	LONG BELL	36"	670648179996
UC9HPBLB	5"	LONG BELL	48"	670648180008
UC9FRBLB	6"	LONG BELL	36"	670648179507
UC9HRBLB	6"	LONG BELL	48"	670648179262



Carton quantity = 1