

Conduit Capacities and Bends

		Cable Outside Diameter - Fractional Inches											
		.13	.18	.22	.24	.29	.31	.37	.53	.62	.70		
Conduit Diameter - Inches	3/4	6	5	4	3	2	2	1				5	
	1	8	8	7	6	3	3	2	1			6	
	1 1/4	16	14	12	10	6	4	3	1	1	1	8	
	1 1/2	20	18	16	15	7	6	4	2	1	1	9	
	2	30	26	22	20	14	12	7	4	3	2	12	
	2 1/2	45	40	36	30	17	14	12	6	3	3	25	
	3	70	60	50	40	20	20	17	7	6	6	31	
	3 1/2	Number of Cables @ 30% Fill						22	12	7	6	35	
	4	e.g. 20 wires with .24" diameter would require a 2" conduit.						30	14	12	7	40	

Minimum Bend Radius - Inches