

# -GENESIS-

## Conduit Capacity Reference Guide

EMT Conduit Trade Size		1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"
Diameter (in.)	Area (sq. in.)	Maximum Number of Cables Permitted @ 40% Fill									
0.100	0.00785	15	27	44	76	103	170	298	450	587	751
0.125	0.01227	9	17	28	48	66	109	190	288	376	480
0.150	0.01767	6	12	19	33	46	75	132	200	261	333
0.175	0.02405	5	8	14	24	33	55	97	147	191	245
0.200	0.03142	3	6	11	19	25	42	74	112	146	187
0.225	0.03976	3	5	8	15	20	33	58	88	116	148
0.250	0.04909	1	4	7	12	16	27	47	72	94	120
0.275	0.05940	1	3	5	10	13	22	39	59	77	99
0.300	0.07069	1	3	4	8	11	18	33	50	65	83
0.325	0.08296	1	3	4	7	9	16	28	42	55	71
0.350	0.09621	1	2	3	6	8	13	24	36	47	61
0.375	0.11045	1	2	3	5	7	12	21	32	41	53
0.400	0.12566	1	2	3	4	6	10	18	28	36	46
0.425	0.14186	1	1	3	4	5	9	16	24	32	41
0.450	0.15904	1	1	2	3	5	8	14	22	29	37
0.475	0.17721	0	1	2	3	4	7	13	19	26	33
0.500	0.19635	0	1	2	3	4	6	11	18	23	30
0.525	0.216	1	1	2	3	4	6	11	16	21	27
0.550	0.237	1	1	1	3	3	6	10	15	19	25
0.575	0.260	0	1	1	2	3	5	9	14	18	23
0.600	0.283	0	1	1	2	3	5	8	13	16	21
0.625	0.307	0	1	1	2	3	4	8	12	15	19
0.650	0.332	0	1	1	2	2	4	7	11	14	18
0.675	0.358	0	1	1	2	2	4	7	10	13	16
0.700	0.385	0	1	1	2	2	3	6	9	12	15
0.725	0.413	0	1	1	1	2	3	6	9	11	14
0.750	0.442	0	0	1	1	2	3	5	8	10	13
0.775	0.471	0	0	1	1	2	3	5	7	10	13