

SUSPENSION STRAND

SELECTION-MEDIUM LOADING AREA

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1. GENERAL

1.01 This section lists, for the medium loading area, the maximum allowable span lengths of various types and weights of lashed cable on each size of suspension strand.

2. LEAD SHEATH CABLES-COPPER CONDUCTORS

2.01 The following table summarizes the maximum span lengths on which lead sheath, copper conductor cables can be supported in medium loading areas.

Cable Weight (Pounds/Foot)	Maximum Span Length (Feet)			
	Size of Suspension Strand (Pounds)			
	6,000	10,000	16,000	25,000
.2	485	650	750	950
.3	475	630	705	885
.4	440	600	675	850
.5	405	575	645	825
.6	375	550	625	795
.7	350	525	600	770
.8	330	500	580	750
.9	295	490	565	725
1.0	275	475	550	710
1.2	240	450	520	675
1.4	215	435	500	645
1.6	190	420	485	620
1.8	180	410	470	595
2.0	165	400	455	575
2.2	155	365	445	555
2.4	140	340	435	535
2.6	130	325	425	500
2.8	125	305	415	470
3.0	115	290	405	445
3.5	-	265	390	400
4.0	-	240	350	370
4.5	-	220	325	340
5.0	-	205	300	315
5.5	-	190	280	295
6.0	-	175	265	275
6.5	-	160	250	260
7.0	-	145	235	240
7.5	-	140	225	225
8.0	-	135	205	220
8.5	-	125	195	210

3. ALPETH AND STALPETH SHEATH CABLES-COPPER CONDUCTORS

3.01 The following table summarizes the maximum span lengths on which alpeth or stalpeth sheath, copper conductor cables can be supported in medium loading areas.

Cable Weight (Pounds/Foot)	Maximum Span Length (Feet)			
	Size of Suspension Strand (Pounds)			
	6,000	10,000	16,000	25,000
.2	450	650	750	950
.3	420	630	705	885
.4	365	600	675	850
.5	340	575	645	825
.6	310	550	625	795
.7	285	520	600	770
.8	260	490	580	745
.9	245	470	565	715
1.0	225	450	550	695
1.2	205	420	520	650
1.4	180	395	500	610
1.6	165	375	485	575
1.8	150	355	470	540
2.0	140	335	455	510
2.2	130	320	435	485
2.4	125	305	415	460
2.6	115	295	400	440
2.8	105	280	390	425
3.0	-	265	375	410
3.5	-	245	350	380
4.0	-	225	325	350
4.5	-	210	310	325
5.0	-	200	300	300

4. ALPETH AND STALPETH SHEATH CABLES-ALUMINUM CONDUCTORS

4.01 The following table summarizes the maximum span lengths on which alpeth or stalpeth sheath, aluminum conductor cables can be supported in medium loading areas.

Cable Weight (Pounds/Foot)	Maximum Span Length (Feet) Size of Suspension Strand (Pounds)	
	6,000	10,000
.1	480	600
.2	445	570
.3	415	540
.4	375	520
.5	335	500
.6	310	485
.7	285	475
.8	265	465
.9	245	450
1.0	230	445
1.2	210	420
1.4	190	395
1.6	175	380
1.8	160	360
2.0	150	340
2.2	145	325
2.4	135	315