



# Table I Cable Handling

## Minimum Bending Diameters – Portable Cables ICEA Recommendations

Standard Type SHD-GC Cables					
Size AWG/MCM	2 kV	5 kV	8 kV	15 kV	25 kV
6	16"	19"	-	-	-
4	17"	20"	31"	-	-
2	19"	22"	34"	39"	-
1	21"	23"	35"	40"	47"
1/0	22"	25"	37"	42"	49"
2/0	24"	26"	39"	44"	51"
3/0	26"	28"	42"	46"	53"
4/0	28"	30"	44"	49"	56"
250	30"	32"	46"	51"	58"
300	32"	34"	49"	-	-
350	34"	35"	51"	56"	62"
500	38"	40"	57"	61"	-

- 1) Single and multiple conductor cables rated over 5,000 volts 16 times the cable diameter.
- 2) Single and multiple conductor cables rated 5,000 volts and less 12 times the cable diameter.
- 3) Flat cables 12 times the minor diameter.

Standard 600/2000 Volt Non-Shielded				
Size AWG	Twin W&G	Flat 3/C G-GC 4/C W	Round 4/C W	Round 3/C G-GC
8	6"	-	12"	12"
6	7"	8"	13"	13"
4	7"	9"	15"	14"
2	9"	10"	18"	16"
1	10"	12"	20"	18"
1/0	11"	12"	21"	20"
2/0	12"	13"	23"	21"
4/0	13"	15"	27"	25"

