

| CCTV TRANSMISSION DISTANCES |                    |  |
|-----------------------------|--------------------|--|
| STYLE                       | TYPICAL RUN LENGTH |  |
| RG6/U                       | Up to 1500 ft      |  |
| RG59/U BC Braid             | Up to 750 ft       |  |
| RG59/U CCA Braid            | Up to 600 ft       |  |
| 75 Ohm Mini Coax            | Up to 375 ft       |  |

## **PULLING TENSIONS**

Under the stress of approximately 15,000 lbs/sq. in. annealed copper will begin to permanently stretch. The table below lists the absolute maximum recommended pulling tensions for conductor sizes. For multiple conductor cable, multiply the appropriate value by the total number of conductors. These pulling tensions must be equally distributed among the conductors.

THESE LIMITS MUST NEVER BE EXCEEDED EVEN MOMENTARILY. DO NOT JERK THE CABLE. The electronic characteristics of a cable may change due to excessive tension and crushing.

| PULLING TENSIONS |               |                     |
|------------------|---------------|---------------------|
|                  |               |                     |
|                  |               | RECOMMENDED         |
|                  | MAX. PULLING  | PULLING TENSION     |
| GAUGE (AWG)      | TENSION (LBS) | (75% OF MAX.) (LBS) |
| 24               | 4             | 3.0                 |
| 22               | 7             | 5.25                |
| 20               | 12            | 9.0                 |
| 18               | 19            | 14.25               |
| 16               | 30            | 22.5                |
| 14               | 48            | 36.0                |
| 12               | 77            | 57.75               |

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