

JUNE 30, 1980

TYPE "CDAC" MULTIPLE SHEATH CABLES

SEE RATINGS
BELOW

Conductors: No. 22 AWG copper.

Insulation: Wood pulp applied directly on wire.

Pseudo-Multiunit Pulp (MUP): Pseudo-MUP splicing provides visual recognition of 25-pair groups.

Unit Binders: Two plastic ribbons. Color of one ribbon repeats color of unit; green, red, or blue. Color of the other ribbon indicates the layer; yellow for outside layer, and black and yellow alternating for succeeding layers inward.

Sheath (stalpeth): Corrugated aluminum shield (without overlap), corrugated steel shield (with soldered overlap), and polyethylene jacket.

Capacitance: Design average mutual ac capacitance $0.083 \mu\text{F}$ per mile of cable. Maximum average not to exceed $0.087 \mu\text{F}$ per mile of cable at 60°F .

Conductor Resistance: Approximately 173 OHMS per loop mile of cable. Maximum not to exceed 182 OHMS per loop mile at 68°F .

Insulation Resistance: Not less than 500 MEGOHM miles at 60°F .

Dielectric Strength: Insulation capable of withstanding a test with an ac potential whose RMS value is 350 volts between conductors and 1000 volts between conductors and sheath.

Attenuation: Approximately 1.8 dB at 1000 Hz.

Initial use: Underground Conduit Construction.

Cable Code	Approx. Overall Diameter (Inches)	Approx. Weight per Foot (Lbs)	Rating
CDAC-300	1.68	1.69	NSLA
CDAC-400	1.95	2.22	NSLA
CDAC-600	2.34	3.23	A.T.&T.Co.Std.
CDAC-900	2.81	4.71	" "
CDAC-1100	3.04	5.66	NSLA
CDAC-1200	3.22	6.20	A.T.&T.Co.Std.