

JULY 29, 1966

## TYPE "ADTN" MULTIPLE SHEATH CABLES

A.T.&T.CO.  
STANDARD

Conductors: No. 26 AWG copper.

Insulation: Wood pulp applied directly on the wire.

Sheath: Longitudinally applied aluminum and soldered steel covered with a polyvinyl chloride jacket.

Conductor Resistance: Approximately 440 ohms per loop mile of cable. Maximum not to exceed 472 ohms per loop mile of cable 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 maximum instantaneous value is 500 volts between conductors and 1200 volts between conductors and sheath.

Capacitance: Design average mutual ac capacitance 0.083 uf per mile of cable. Maximum not to exceed 0.090 uf per mile of cable at 60°F.

Attenuation: Approximately 2.9 decibels at 1000 cps.

Suitable for use in central office terminations and in building distribution, primarily where the National Electric code requires a fire resistant sheath.

| Code     | Minimum Number<br>of<br>Good Pairs | Approximate Overall<br>Diameter<br>(Inches) | Approximate Weight<br>per Foot<br>(Pounds) |
|----------|------------------------------------|---------------------------------------------|--------------------------------------------|
| ADTN600  | 600                                | 1.52                                        | 1.48                                       |
| ADTN900  | 900                                | 1.81                                        | 2.14                                       |
| ADTN1200 | 1200                               | 2.07                                        | 2.80                                       |
| ADTN1500 | 1500                               | 2.29                                        | 3.44                                       |
| ADTN1800 | 1800                               | 2.49                                        | 4.06                                       |
| ADTN2100 | 2100                               | 2.66                                        | 4.69                                       |
| ADTN2400 | 2400                               | 2.83                                        | 5.32                                       |
| ADTN2700 | 2700                               | 3.02                                        | 5.90                                       |