

JULY 31, 1984

## ADBZ TYPE MULTIPLE SHEATH CABLES

SEE RATINGS  
BELOW

Conductors: No. 19 AWG copper.

Insulation (TUFPUPL): A thin layer of adhesive (latex) is applied over the conductor before applying the woodpulp insulation. The adhesive causes the pulp to adhere to the conductor, thereby increasing its tensile strength and improving its crush resistance.

Sheath (bonded stalpeth): Aluminum, corrugated steel, and polyethylene jacket.

The steel is adhesively bonded to the polyethylene jacket. Bonded stalpeth sheath resists buckling during installation better than unbonded stalpeth sheath and is more resistant to moisture diffusion.

### Electrical Characteristics:

Average DC resistance at 68°F

88 OHMS/Loop mile

Insulation resistance

Greater than 500 megohm-miles

Average capacitance at 60°F at 900 or 1000 hz

Nominal

83 nanofarads/mile

Maximum

87 nanofarads/mile

Minimum dielectric strength

Between conductors

500 Vdc

Core-to-sheath

1,500 Vdc

Attenuation at 772 kHz

3.8 decibels/kilofoot

Contains sufficient spare pairs to ensure the number of good pairs in the cable.

Initial use: General use in aerial or underground plant.

| Code     | Comcode     | Pairs | Outside<br>Dia.<br>(Inches) | Cable<br>Weight<br>(Lbs. per ft.) | Rating |
|----------|-------------|-------|-----------------------------|-----------------------------------|--------|
| ADBZ-300 | 103 889 556 | 300   | 2.35                        | 3.23                              | NSLA   |
| ADBZ-400 | 103 889 564 | 400   | 2.67                        | 4.22                              | "      |
| ADBZ-450 | —           | 450   | 2.82                        | 4.72                              | "      |