

# Figure 8 Air Core ALPETH-GP Cable

## Spec. 2108

BELL SYSTEM TYPE BHPB (19 AWG) BKMP (24 AWG)  
BHAP (22 AWG) BKTP (26 AWG)

### Core Construction:

#### Conductors:

- Solid, annealed copper; sizes 19, 22, 24 and 26 AWG

#### Insulation:

- Solid, high density polyethylene, color-coded in accordance with telephone industry standards

#### Twisted Pairs:

- Insulated conductors are twisted into pairs with varying lay lengths to minimize crosstalk

#### Core Assembly:

- 25 pairs and less: pairs are assembled together in a single group
- More than 25 pairs: pairs are arranged in groups, each group having a color-coded unit binder

#### Core Wrap:

- Non-hygroscopic dielectric tape applied longitudinally with an overlap

### Figure 8 ALPETH-GP Sheath:

#### Aluminum Shield:

- Corrugated, 0.008" aluminum tape applied longitudinally with an overlap

#### First Jacket:

- Black, linear low density polyethylene jacket over the aluminum tape

#### Steel Tape:

- Corrugated, 0.006" steel tape flooded on both sides applied longitudinally over the first jacket with an overlap

#### Support Messenger:

- A 1/4", 7 strand, extra high strength galvanized steel wire, fully flooded for corrosion protection

#### Outer Jacket:

- Black, linear low density polyethylene is applied in an integral extrusion over the steel tape and support messenger to form a "Figure 8" configuration

### Application(s):

- Intended for aerial installation where additional mechanical protection is required

### Compliances:

- Telcordia (Bellcore) Specification GR-421-CORE
- RoHS Compliant (effective 1/1/10)

### Packaging:

- Standard lengths are shipped on returnable steel reels or on non-returnable wood reels when requested
- Non-standard packaging is also available



### Nominal Cable Data

CATALOG NUMBER	PAIRS	AWG	O.D. (INCHES)	WEIGHT (LBS/MFT)	STANDARD LENGTH (FT)
7517394	25	19	1.63 x 1.13	675	5000
7517410	25	22	1.38 x 0.88	497	5000
7517428	50	22	1.56 x 1.06	664	5000
7517444	100	22	1.84 x 1.34	971	2500
7517451	25	24	1.33 x 0.83	433	5000
7517469	50	24	1.45 x 0.95	547	5000
7517485	100	24	1.63 x 1.13	758	5000
7517501	200	24	1.90 x 1.40	1129	2500

Data subject to change without notice. Contact your Customer Service Representative for latest information.