

# Figure 8 Air Core ALPETH Cable

## Spec. 2102

BELL SYSTEM TYPE BHBS (19 AWG) BKMS (24 AWG)  
BHAS (22 AWG) BKTS (26 AWG)



### Nominal Cable Data

CATALOG NUMBER	PAIRS AWG		O.D. (INCHES)	WEIGHT (LBS/MFT)	STANDARD LENGTH (FT)
7516461	25	19	1.36 x 0.86	477	5000
7516479	50	19	1.61 x 1.11	746	2500
7516487	25	22	1.20 x 0.70	342	5000
7516495	50	22	1.35 x 0.85	480	5000
7517261	100	22	1.56 x 1.06	748	5000
7517279	25	24	1.12 x 0.62	287	10000
7517287	50	24	1.23 x 0.73	380	10000
7517303	100	24	1.42 x 0.92	556	5000
7517329	200	24	1.66 x 1.16	884	5000

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

### 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 Sheath:

#### Aluminum Shield:

- Corrugated 0.008" aluminum tape applied longitudinally with an overlap

#### Support Messenger:

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

#### Jacket:

- Black, linear low density polyethylene is jacketed in an integral extrusion with the shielded core and support messenger to form a "Figure 8" configuration

### Application(s):

- Intended for aerial installation

### 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