

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