



**FIGURE 8 AIR CORE ALPETH-GP CABLE
BELL SYSTEM TYPES BH*P & BK*P**

Pairs/Gauge	Cable	Product	Approx. Wgt.	Nom. OD	Length
	Code	Number	#/1000 Ft	(Inches)	(Feet)
		Alum/ Steel	Alum/ Steel		
25/19	BHBP-25	7517394	675	0.92	5000
50/19	BHBP-50	7517402	997	1.12	2500
25/22	BHAP-25	7517410	497	0.69	5000
50/22	BHAP-50	7517428	664	0.87	5000
100/22	BHAP-100	7517444	971	1.34	2500
25/24	BKMP-25	7517451	436	0.63	5000
50/24	BKMP-50	7517469	547	0.75	5000
100/24	BKMP-100	7517485	757	0.92	5000
150/24	BKMP-150	7517493	980	1.13	5000
200/24	BKMP-200	7517501	1129	1.20	2500
25/26	BKTP-25	7517519	380	0.54	5000
50/26	BKTP-50	7517527	450	0.65	5000
100/26	BKTP-100	7517535	603	0.81	5000
200/26	BKTP-200	7517550	854	1.02	5000
300/26	BKTP-300	7517568	1111	1.22	2500

Note: Larger sizes are available on special request

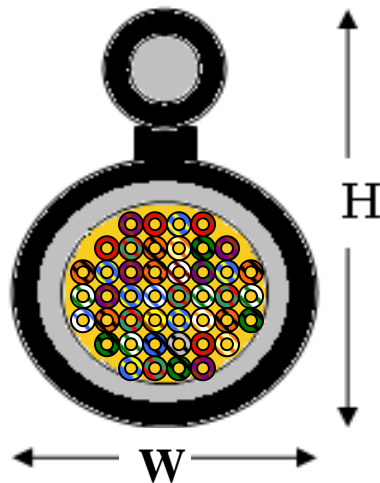


FIGURE 8 ALPETH SHEATH

Aluminum Shield
Corrugated 0.008" Al 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 jacketed in an integral extrusion with the shielded core and support messenger to form a "Figure 8" configuration

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



CORE CONSTRUCTION

Conductors
Solid annealed copper; sizes 19, 22, 24 & 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

APPLICATION(S)

-Intended for aerial installation where additional mechanical protection is required

COMPLIANCE

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

PACKAGING

-Standard lengths are shipped on non-returnable wood reels
-Non-standard packaging is available upon request.

TEMPERATURE RATING

-Storage and operation temperature range
-45°C to 80°C-> -49°F to 176°F
-Installation temperature range
-30°C to 60°C-> -22°F to 140°F

ELECTRICAL CHARACTERISTICS

	19 AWG	22 AWG	24 AWG	26 AWG
DC Conductor Resistance: [max.] Ohms/mile. @ 20°C				
Individual Conductor	45.0	91.0	144.0	232.0
DC Resistance Unbalance: [max.]				
Cable Average Percent	1.5	1.5	1.5	1.5
Individual Pair Percent	5.0	5.0	5.0	5.0
Attenuation at 772 kHz: [max. avg.] dB/Kft. @ 20°C	3.3	4.7	5.9	7.4
1 kHz Mutual Capacitance: [avg.]				
6 and 12 pairs	83 +/- 7 nF/mile			
Over 12 pairs	83 + 4/- 5 nF/mile			
1 kHz Capacitance Unbal. [max.] Pair-to-Pair:				
RMS average: >12 pair	25 pF/1000 Ft.			
Individual	80 pF/1000 Ft.			
Pair-to-Ground:				
Cable Average: >13 pairs	175 pF/1000 Ft.			
Individual Pair	800 pF/1000 Ft.			

Other Performance Characteristics: All additional electrical and physical characteristics either meet or exceed those specified in Bellcore Specification GR-421-CORE

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