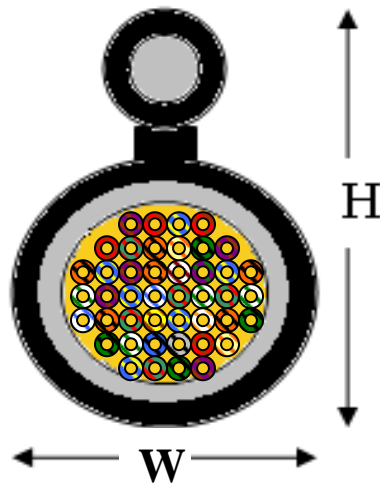




**FIGURE 8 AIR CORE ALPETH-GP CABLE  
BELL SYSTEM TYPES BH\*P & BK\*P**

Pairs/Gauge	Cable	Product	Approx. Wgt.	Nom. OD	Length
	Code	Number	#/1000 Ft	(Inches)	
		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**

<b>Aluminum Shield</b>
Corrugated 0.008" Al tape applied longitudinally with an overlap
<b>First Jacket</b>
Black, linear low density polyethylene jacket over the aluminum tape
<b>Steel Tape</b>
Corrugated, 0.006" steel tape flooded on both sides applied longitudinally over the first jacket with an overlap
<b>Support Messenger</b>
A 1/4", 7 strand, extra high strength galvanized steel wire, fully flooded for corrosion protection
<b>Outer Jacket</b>
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

<b>Conductors</b>
Solid annealed copper; sizes 19, 22, 24 & 26 AWG
<b>Insulation</b>
Solid, high density polyethylene, color-coded in accordance with telephone industry standards
<b>Twisted Pairs</b>
Insulated conductors are twisted into pairs with varying lay lengths to minimize crosstalk
<b>Core Assembly</b>
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
<b>Core Wrap</b>
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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