



AIR CORE ALPETH CABLE BELL SYSTEM TYPE BH*A AND BK*A



Pairs/Gauge	Cable Code	Product Number Alum	Approx. Wgt. #/1000 Ft Alum	Nom. OD (Inches)	Length (Feet)
25/19	BHBA-25	7506967	317	0.77	5000
50/19	BHBA-50	7506975	582	1.02	3000
100/19	BHBA-100	7506983	1080	1.37	3000
200/19	BHBA-200	7506991	2087	1.86	1000
300/19	BHBA-300	7510506	3099	2.27	1000
25/22	BHAA-25	7506876	173	0.57	5000
50/22	BHAA-50	7506884	307	0.74	3000
100/22	BHAA-100	7506892	577	1.00	3000
200/22	BHAA-200	6968770	1086	1.36	3000
300/22	BHAA-300	7506900	1590	1.57	1000
400/22	BHAA-400	6968762	2101	1.82	1000
600/22	BHAA-600	6987275	3140	2.25	1000
900/22	BHAA-900	6937817	4648	2.72	700
25/24	BKMA-25	7506918	125	0.51	5000
50/24	BKMA-50	7506926	211	0.63	3000
100/24	BKMA-100	6937064	381	0.81	3000
200/24	BKMA-200	6964803	716	1.07	1000
300/24	BKMA-300	6964811	1037	1.27	1000
400/24	BKMA-400	6964795	1356	1.45	1000
600/24	BKMA-600	6964787	2037	1.78	1000
900/24	BKMA-900	6983381	2982	2.10	1000
1200/24	BKMA-1200	6937833	3962	2.43	1000
1500/24	BKMA-1500	7506777	4894	2.76	800
1800/24	BKMA-1800	6937841	5889	3.03	800
25/26	BKTA-25	7506934	95	0.43	5000
50/26	BKTA-50	7506942	146	0.52	3000
100/26	BKTA-100	7506959	257	0.69	3000
200/26	BKTA-200	6982037	476	0.92	2500
300/26	BKTA-300	6982029	681	1.04	1000
400/26	BKTA-400	7503485	886	1.20	1000
600/26	BKTA-600	6987218	1317	1.45	1000
900/26	BKTA-900	7508252	1934	1.74	1000
1200/26	BKTA-1200	6937858	2540	1.98	1000
1500/26	BKTA-1500	6937866	3155	2.22	1000
1800/26	BKTA-1800	7506785	3756	2.40	1000

Note: Larger sizes are available on special request

**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 1200 pairs and larger are mirror image color code.
Core Wrap
Non hygroscopic dielectric tape applied longitudinally with an overlap

ALPETH SHEATH

Aluminum Shield
Corrugated 0.008" Al tape applied longitudinally with an overlap
Jacket
Black, linear low density polyethylene

<p>APPLICATION(S)</p> <p>-Intended for aerial installation by attachment to a support strand</p> <p>COMPLIANCE</p> <p>-Telecordia (Bellcore) Specification GR-421-CORE -RoHS Compliant (effective 1/1/10)</p> <p>PACKAGING</p> <p>-Standard lengths are shipped on non-returnable wood reels -Non-standard packaging is available upon request.</p> <p>TEMPERATURE RATING</p> <p>-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</p>

ELECTRICAL CHARACTERISTICS

	19 AWG	22 AWG	24 AWG	26 AWG
DC Conductor Resistance: [max.] Ohms/mile. @ 68°F				
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: [nom.] dB/kft	3.3	4.7	5.9	7.4
1 kHz Mutual Capacitance: [avg.]				
Average : Max	83 + 4/-5 nF/mile : 92 nF/mile			
1 kHz Capacitance Unbal. [max.] Pair-to-Pair:				
rms average: >12 pairs	25 pF/1000 Ft.			
individual	80 pF/1000 Ft.			
Capacitance: Unbal. Pair-to-Ground:				
Cable average: >13 pairs	175 pF/1000 Ft.			
Individual pair	800 pF/1000 Ft.			

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

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