



## AIR CORE BONDED PASP CABLE BELL SYSTEM TYPE BH\*H AND BK\*H



Pairs/ Gauge	Cable Code	Product Number Alum/ Steel	Approx. Wgt. #/1000 Ft		Nom. OD (Inches)	Length (Feet)
			Alum/ Steel	Alum/ Steel		
25/19	BHBH-25	7502180	440	0.95	5000	
50/19	BHBH-50	7502198	750	1.19	3000	
100/19	BHBH-100	7502214	1365	1.57	3000	
200/19	BHBH-200	7502230	2475	2.04	1000	
300/19	BHBH-300	7502248	3530	2.19	1000	
25/22	BHAH-25	7503543	280	0.77	5000	
50/22	BHAH-50	7503550	445	0.96	3000	
100/22	BHAH-100	7503576	750	1.19	3000	
200/22	BHAH-200	7503592	1360	1.55	1000	
300/22	BHAH-300	7503600	1893	1.76	1000	
400/22	BHAH-400	7503618	2490	2.03	1000	
600/22	BHAH-600	7503626	3582	2.41	1000	
900/22	BHAH-900	7503634	5265	2.88	700	
25/24	BKMH-25	7503659	220	0.68	5000	
50/24	BKMH-50	7503667	325	0.82	3000	
100/24	BKMH-100	7503683	530	1.02	3000	
200/24	BKMH-200	7503709	900	1.26	1000	
300/24	BKMH-300	7503717	1270	1.47	1000	
400/24	BKMH-400	7503725	1635	1.70	1000	
600/24	BKMH-600	7502073	2339	2.00	1000	
900/24	BKMH-900	7502040	3424	2.40	1000	
1200/24	BKMH-1200	7502081	4418	2.70	900	
1500/24	BKMH-1500	7502065	5422	3.00	900	
1800/24	BKMH-1800	7502057	6580	3.30	800	
25/26	BKTH-25	7502123	166	0.57	3000	
50/26	BKTH-50	7503758	245	0.67	3000	
100/26	BKTH-100	7503774	375	0.82	3000	
200/26	BKTH-200	7503790	630	1.13	1000	
300/26	BKTH-300	7503808	860	1.22	1000	
400/26	BKTH-400	7503816	1110	1.39	1000	
600/26	BKTH-600	7502024	1554	1.62	1000	
900/26	BKTH-900	7502032	2236	1.89	1000	
1200/26	BKTH-1200	7502099	2923	2.13	1000	
1500/26	BKTH-1500	7503824	3556	2.37	1000	
1800/26	BKTH-1800	7503832	4205	2.57	1000	
2100/26	BKTH-2100	7503840	4827	2.73	900	
2700/26	BKTH-2700	7503865	6097	3.10	900	

Note: Larger sizes are available on special request

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

**BONDED PASP SHEATH**

<b>A. Inner Jacket</b>
Black, linear low density polyethylene jacket over the core wrap
<b>B. Aluminum Shield</b>
Corrugated 0.008" Al tape applied longitudinally

<b>APPLICATION(S)</b>
-Intended for pressurized direct buried installation in situations in which resistance to lightning and mechanical damage is required
<b>COMPLIANCE</b>
-Telecordia (Bellcore) Specification GR-421-CORE -RoHS Compliant (effective 1/1/10)
<b>PACKAGING</b>
-Standard lengths are shipped on non-returnable wood reels -Non-standard packaging is available upon request.
<b>TEMPERATURE RATING</b>
-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

<b>C. Steel Shield</b>
Corrugated, copolymer coated 0.006" steel tape applied longitudinally over the aluminum tape with an overlap
<b>D. Outer Jacket</b>
Black, linear low density polyethylene jacket bonded to the coated steel

**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:				
Average: >12 pair : Max >12 pair	83 + 4/-5 nF/mile : 92 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.			

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

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