



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

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

BONDED PASP SHEATH

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

APPLICATION(S)
-Intended for pressurized direct buried installation in situations in which resistance to lightning and mechanical damage 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

C. Steel Shield
Corrugated, copolymer coated 0.006" steel tape applied longitudinally over the aluminum tape with an overlap
D. Outer Jacket
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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