



## FOAM SKIN INSULATED FILLED CABLE WITH ALPETH SHEATH BELL SYSTEM TYPE AN\*A



Pairs/Gauge	Cable Code	Product Number Alum	Approx. Wgt. #/1000 Ft Alum	Nom. OD (Inches)	Length (Feet)
25/19	ANBA-25	2036300	395	0.82	5000
50/19	ANBA-50	2036301	723	1.10	2500
100/19	ANBA-100	2036302	1316	1.50	2500
200/19	ANBA-200	2036303	2565	1.99	1250
300/19	ANBA-300	2036304	3839	2.40	1250
25/22	ANAA-25	2036307	212	0.60	5000
50/22	ANAA-50	2036308	372	0.78	5000
100/22	ANAA-100	2036309	691	1.04	2500
200/22	ANAA-200	2036310	1286	1.38	2500
300/22	ANAA-300	2036311	1882	1.65	1250
400/22	ANAA-400	2036312	2503	1.92	1250
600/22	ANAA-600	2036313	3796	2.33	1250
900/22	ANAA-900	2036314	5674	2.87	1000
25/24	ANMA-25	2036320	152	0.53	5000
50/24	ANMA-50	2036321	251	0.64	5000
100/24	ANMA-100	2036322	449	0.83	5000
200/24	ANMA-200	2036323	830	1.10	2500
300/24	ANMA-300	2036324	1186	1.30	2500
400/24	ANMA-400	2036325	1561	1.49	2500
600/24	ANMA-600	2036326	2325	1.79	1250
900/24	ANMA-900	2036327	3460	2.19	1250
1200/24	ANMA-1200	2036328	4564	2.52	1000
1500/24	ANMA-1500	2036329	5686	2.79	1000
1800/24	ANMA-1800	2036330	6525	3.10	1000
2100/24	ANMA-2100	2036331	7955	3.33	750
25/26	ANTA-25	2036334	108	0.43	5000
50/26	ANTA-50	2036335	184	0.57	5000
100/26	ANTA-100	2036336	319	0.72	5000
200/26	ANTA-200	2036337	570	0.96	5000
300/26	ANTA-300	2036338	833	1.16	2500
400/26	ANTA-400	2036339	1061	1.29	2500
600/26	ANTA-600	2036340	1534	1.50	1250
900/26	ANTA-900	2036341	2260	1.80	1250
1200/26	ANTA-1200	2036342	2986	2.09	1250
1500/26	ANTA-1500	2036343	3701	2.37	1250
1800/26	ANTA-1800	2036344	4369	2.49	1000
2100/26	ANTA-2100	2036345	5221	2.68	1000
2400/26	ANTA-2400	2036346	5893	2.93	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

<b>Conductors</b>
Solid annealed copper; sizes 19, 22, 24 & 26 AWG
<b>Insulation</b>
Dual insulation consisting of an inner layer of foamed polyolefin surrounded by a solid polyolefin skin, 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>Filling Compound</b>
The entire core assembly is completely filled with ETPR compound, filling the interstices between the pairs and under the core tape
<b>Core Wrap</b>
Dielectric tape applied longitudinally with an overlap

### SHEATH

<b>A. Aluminum Shield</b>
Corrugated 0.008" Al tape applied longitudinally with an overlap The sheath interfaces are flooded with an adhesive water-blocking compound
<b>B. Jacket</b>
Black, linear low density polyethylene

#### APPLICATION(S)

-Intended for duct and direct buried installations where protection against water and moisture entry is required and may also be installed aerially

#### 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 @ 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	3.2	4.5	5.6	7.0
1 kHz Mutual Capacitance: [avg.]				
< 12 pairs avg:max	83 ± 7 nF/mile: 94 nF/mile			
> 12 pairs avg:max	83 ± 4 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 GR-421-CORE

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