



FOAM SKIN AIR CORE BONDED STALPETH CABLE BELL SYSTEM TYPE DC*Z



	Cable	Product Number	Approx. Wgt. #/1000 Ft	Nom. OD	Length
Pairs/Gauge	Code	Alum/ Steel	Alum/ Steel	(Inches)	(Feet)
900/22	DCAZ-900	2010083	4504	2.45	1000
1200/22	DCAZ-1200	2010084	5948	2.80	1000
600/24	DCMZ-600	2010078	2022	1.67	1000
900/24	DCMZ-900	2010079	2960	2.02	1000
1200/24	DCMZ-1200	7516438	3881	2.27	1000
1500/24	DCMZ-1500	7510712	4795	2.51	1000
1800/24	DCMZ-1800	7502008	5698	2.78	1000
2100/24	DCMZ-2100	7502107	6583	2.88	1000
2400/24	DCMZ-2400	7510720	7502	3.11	1000
600/26	DCTZ-600	2010080	1342	1.38	1000
900/26	DCTZ-900	7512510	1937	1.64	1000
1200/26	DCTZ-1200	6987374	2524	1.84	1000
1500/26	DCTZ-1500	7513351	3116	2.05	1000
1800/26	DCTZ-1800	6987382	3687	2.18	1000
2100/26	DCTZ-2100	7513252	4263	2.35	1000
2400/26	DCTZ-2400	6987390	4832	2.49	1000
2700/26	DCTZ-2700	2010081	5409	2.67	1000
3000/26	DCTZ-3000	6987408	5978	2.74	1000
3600/26	DCTZ-3600	6987416	7116	3.04	1000
4200/26	DCTZ-4200	6987424	8246	3.29	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 22, 24 and 26 AWG
Insulation
Dual insulation consisting of an inner layer of foamed polyolefin surrounded by a solid polyolefin skin, 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
3600 pairs and less: made up of 100 pair super-units consisting of four (4) 25 pair sub-units 4200 pair design: made up of 300 pair super-units consisting of twelve (12) 25 pair sub-units Each group is individually identifiable by color-coded unit binders All sizes are mirror image color code
Core Wrap
Non hygroscopic dielectric tape applied longitudinally with an overlap

BONDED STALPETH SHEATH

A. Aluminum Shield
Corrugated 0.008" Aluminum tape applied longitudinally

APPLICATION(S)

-Intended for pressurized urban underground duct installation
-Designed for large pair-count subscriber-serving cables leaving Central Offices where duct congestion is a prime concern

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

B. Steel Shield
Corrugated, copolymer coated 0.006" steel tape applied longitudinally over the Al tape with an overlap
C. Outer Jacket
Black, linear low density polyethylene jacket bonded to the coated steel

ELECTRICAL CHARACTERISTICS

	22 AWG	24 AWG	26 AWG
DC Conductor Resistance: [max.] Ohms/mile. @ 20°C			
Individual Conductor	91.0	144.0	232.0
DC Resistance Unbalance: [max.]			
Cable Average Percent	1.5	1.5	1.5
Individual Pair Percent	5.0	5.0	5.0
Attenuation at 772 kHz: [nom.] dB/kft @ 20°C	5.0	6.3	7.9
1 kHz Mutual Capacitance			
12 ≥ pairs avg : max	83 + 7 nF/mile : 94 nF/mile		
> 12 pairs avg : max	83 + 4/-5 nF/mile : 92 nF/mile		
Capacitance Unbal. Pair-to-Pair:			
> 12 pair rms	25 pF/1000 Ft.		
Max Individual pair	80 pF/1000 Ft.		
Pair-to-Ground:			
> 12 pair avg	175 pF/1000 Ft.		
Max 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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