

Air Core Foam Skin Bonded STALPETH Cable

Spec. 2106

BELL SYSTEM TYPE DCAZ (22 AWG) DCTZ (26 AWG)
DCMZ (24 AWG)

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:**Aluminum Shield:**

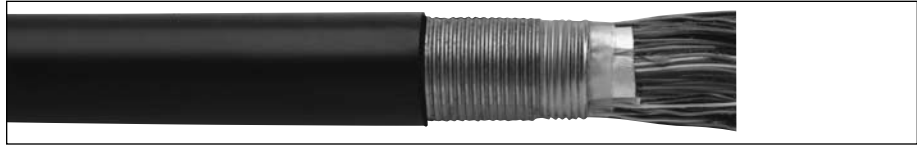
- Corrugated, 0.008" aluminum tape applied longitudinally

Steel Shield:

- Corrugated, copolymer coated, 0.006" steel tape applied longitudinally over the aluminum tape with an overlap

Outer Jacket:

- Black, linear low density polyethylene jacket bonded to the coated steel

**Nominal Cable Data**

CATALOG NUMBER	PAIRS AWG	O.D. (INCHES)	WEIGHT (LBS/MFT)	STANDARD LENGTH (FT)
2010083	900/22	2.5	4572	1000
2010084	1200/22	2.9	6027	1000
2010078	600/24	1.7	2022	1000
2010079	900/24	2.1	2960	1000
7516438	1200/24	2.3	3881	1000
7510712	1500/24	2.5	4795	1000
7502008	1800/24	2.8	5698	1000
7502107	2100/24	2.9	6583	1000
7510720	2400/24	3.2	7502	1000
2010080	600/26	1.4	1342	1000
7512510	900/26	1.7	1937	1000
6987374	1200/26	1.9	2524	1000
7513351	1500/26	2.1	3116	2000
6987382	1800/26	2.2	3687	1000
7513252	2100/26	2.4	4263	1000
6987390	2400/26	2.5	4832	1000
2010081	2700/26	2.7	5409	1000
6987408	3000/26	2.8	5978	1000
6987416	3600/26	3.1	7116	1000
6987424	4200/26	3.3	8246	1000

Data subject to change without notice. Contact your Customer Service Representative for latest information.

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:

- Telcordia (Bellcore) Specification GR-421-CORE
- RoHS Compliant (effective 1/1/10)

Packaging:

- Standard lengths are shipped on returnable steel reels or on non-returnable wood reels when requested
- Non-standard packaging is also available