

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

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

Compliances:

- 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

**Nominal Cable Data**

CATALOG NUMBER	PAIRS AWG		O.D. (INCHES)	WEIGHT (LBS/MFT)	STANDARD LENGTH (FT)
2010083	900	22	2.50	4505	1000
2010084	1200	22	2.95	5948	1000
2010078	600	24	1.70	2022	1000
2010079	900	24	2.10	2960	1000
7516438	1200	24	2.35	3881	1000
7510712	1500	24	2.60	4795	1000
7502008	1800	24	2.80	5698	1000
7502107	2100	24	2.98	6583	1000
7510720	2400	24	3.21	7502	1000
2010080	600	26	1.44	1342	1000
7512510	900	26	1.70	1937	1000
6987374	1200	26	1.90	2524	1000
7513351	1500	26	2.10	3116	2000
6987382	1800	26	2.30	3687	1000
7513252	2100	26	2.44	4263	1000
6987390	2400	26	2.63	4832	1000
2010081	2700	26	2.70	5409	1000
6987408	3000	26	2.85	5978	1000
6987416	3600	26	3.15	7116	1000
6987424	4200	26	3.30	8246	1000

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