

**FOAM-SKIN AIR CORE
BONDED STALPETH CABLE**

<u>Pairs/ Gauge</u>	<u>Cable Code</u>	<u>Product Number</u>	<u>Approx. Wt. Lbs./KFT</u>	<u>Nom.OD Inches</u>	<u>Length Feet</u>
900/22	DCAZ-900	2010083	4570	2.5	1000
1200/22	DCAZ-1200	2010084	6030	2.9	1000
600/24	DCMZ-600	2010078	2020	1.7	1000
900/24	DCMZ-900	2010079	2940	2.0	1000
1200/24	DCMZ-1200	7516438	3915	2.3	1000
1500/24	DCMZ-1500	7510712	4820	2.5	1000
1800/24	DCMZ-1800	7502008	5735	2.8	1000
2100/24	DCMZ-2100	7502107	6650	3.0	1000
2400/24	DCMZ-2400	7510720	7530	3.2	1000
600/26	DCTZ-600	2010080	1355	1.4	1000
900/26	DCTZ-900	7512510	1950	1.7	1000
1200/26	DCTZ-1200	6987374	2565	1.9	1000
1500/26	DCTZ-1500	7513351	3155	2.1	1000
1800/26	DCTZ-1800	6987382	3690	2.2	1000
2100/26	DCTZ-2100	7513252	4330	2.4	1000
2400/26	DCTZ-2400	6987390	4915	2.6	1000
2700/26	DCTZ-2700	2010081	5410	2.7	1000
3000/26	DCTZ-3000	6987408	6060	2.8	1000
3600/26	DCTZ-3600	6987416	7115	3.1	1000
4200/26	DCTZ-4200	6987424	8345	3.3	1000

PACKAGING: All cable is supplied on returnable steel reels in standard lengths as shown above. Non-returnable wood reels and non-standard lengths are available upon request. All cables are shipped under pressure.

APPLICATION: These cables are designed as large pair count air core subscriber cables for use in urban underground ducts where duct congestion is a prime concern.

COMPLIANCE: Bellcore TR-TSY-000106, Issue 2.

CONSTRUCTION: Solid bare copper conductors are insulated with high density foam-skin polyethylene and twisted into fully color coded pairs. The pairs are assembled to form a circular core. The core is covered with a core wrap and completed with a Bonded STALPETH sheath. This sheath consists of a corrugated 0.008" aluminum shield, and a corrugated polymer-coated 0.006" steel shield bonded to a black linear low density polyethylene outer jacket.

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ELECTRICAL CHARACTERISTICS:

	<u>22 AWG</u>	<u>24 AWG</u>	<u>26 AWG</u>
DC Conductor Resistance: [max.] Ohms/mile @ 20°C	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: [max. avg.] dB/kft. @ 20°C	5.0	6.3	7.9
1 kHz Mutual Capacitance: [avg.]	83 +4, -5 nF/mile		
1 kHz Capacitance Unbal: [max.]			
Pair-to-Pair			
RMS Average	25 pF/kft.		
Individual	80 pF/kft.		
Pair-to-Ground			
Cable Average	175 pF/kft.		
Individual Pair	800 pF/kft.		

Other Performance Characteristics: All additional electrical and physical characteristics either meet or exceed those specified in Bellcore Specification TR-TSY-000106, Issue 2.