

Product Data Sheet

Outside Plant Cables - Direct Burial



Product Description

For use in exchange and campus areas, direct buried or installed in-duct. Suitable for voice frequency use on all pairs and carrier frequency, both analog and digital, on a selected pair assignment basis. For full pair utilization at carrier frequencies, a core-dividing screen is required.

Specifications

- Solid, annealed, bare copper conductors
- Conductors are dual insulated with foamed natural polyolefin and finished with a solid plastic skin, color-coded to industry standards
- Insulated conductors are twisted into pairs of varying lengths of lay to minimize crosstalk
- Pairs are stranded into units (and super units, if required by pair count). In cable sizes 900 pair and greater, a mirror-image, super unit color-code system is used
- The cable core is filled with an ETPR filling compound and wrapped with a non-hygroscopic core tape
- The AN_A (Suffix: DFA) cables ALPETH sheath construction is 0.008 in. thick, corrugated, aluminum shield and a black polyethylene jacket. The jacket is sequentially printed with a footage marker at regular intervals
- The AN_W (Suffix: DFQ) cables ASP sheath construction consists of 0.008 in. thick, corrugated, aluminum shield with a 0.006 in. corrugated steel shield, and a black polyethylene jacket. The jacket is sequentially printed with a footage marker at regular intervals
- A flooding compound is applied over the core and to all surfaces of the aluminum and steel shields to resist moisture entry and to inhibit corrosion

Tech. Info & Standards

Cables conform to applicable Bellcore specifications.

Product Data Sheet

ASP Cables

*Other pair counts and AWG are available.

Part No.	No. of Pairs	AWG	Bell Code	Approx. Wt. lb.	Nom. O.D. (in.)
E-002524DFQ	25*	24*	ANMW	185	0.600
E-005024DFQ	50	24	ANMW	302	0.720
E-010024DFQ	100	24	ANMW	515	0.960
E-020024DFQ	200	24	ANMW	915	1.250
E-030024DFQ	300	24	ANMW	1,328	1.500
E-040024DFQ	400	24	ANMW	1,714	1.650
E-060024DFQ	600	24	ANMW	2,485	2.010
E-090024DFQ	900	24	ANMW	3,616	2.380
E-120024DFQ	1200	24	ANMW	4,818	2.710
E-150024DFQ	1500	24	ANMW	5,944	3.040
E-002522DFQ	25	22	ANAW	259	0.720
E-020022DFQ	200	22	ANAW	1,417	1.500
E-030022DFQ	300	22	ANAW	2,048	1.790