



I. Exchange Cables

Filled ASP Cable, Foam Skin Insulation

**AN_W
Telecordia (Bellcore)**

62.AN_W.01

DESCRIPTION:

CONDUCTORS:

Solid, annealed copper wires, in 26, 24, 22 and 19 AWG

INSULATION:

Expanded polyethylene (Foam Skin) with an external layer of solid, high-density polyethylene in distinctive colors, conforming to telephone industry standards.

PAIRS:

Insulated conductors are twisted together to form pairs, with different twist lay lengths to minimize capacitance unbalance and cross-talk.

CORE ASSEMBLY:

In cables with 25 pairs or less, the pairs are laid forming a cylindrical shape. For larger cables, units of 25 pairs or super-units of 50 or 100 pairs are assembled to form the final core. The core is filled with ETPR (80°C) compound. Then covered with a non-hygroscopic tape with an overlap. Filling compound is also applied over the wrap.

All units and superunits are identified with color coded, non-hygroscopic, non-wicking binders. In order to have a rounder shape and better electrical performance, all units and super-units are divided into 12 and 13 pair sub-units.

SHIELD:

Corrugated, bare aluminum tape, 8-mil thick applied longitudinally with an overlap. A flooding compound with adhesive properties is applied over the shield.

ARMOR:

A corrugated shield of steel tape, 6-mil thick.

JACKET

Black, linear, low-density, high molecular weight polyethylene. Sequential footage (or meter) markings are printed on the jacket at 2 foot (or 1 m) intervals.



APPLICATION:

Outside plant telephony, direct burial or underground installation.

REFERENCE SPECIFICATIONS:

Telecordia (Bellcore)
TR-NWT-00421/3.
ANSI/ICEA 84-608-1988
Generic Requirements for metallic telecommunication cables.

CERTIFICATION:

ISO-9001 Quality Assurance System

PACKAGING:

Packaged on wooden reels with a thermal wrap applied over the cable. The reels are also lagged for additional protection.

26 AWG ANTW

Product Code	Number of Pairs	Nominal OD		Approximate Cable Weight		Standard Length	
		In	mm	Lbs/kft	Kg/km	Ft	m
626220	25	0.63	16.0	170	255	5900	1800
626221	50	0.79	20.0	260	385	5900	1800
626223	100	0.94	24.0	395	590	5900	1800
626225	200	1.22	31.0	724	1080	5900	1800
626226	300	1.36	34.5	972	1450	3940	1200
626227	400	1.54	39.0	1240	1850	3940	1200
626228	600	1.75	44.5	1608	2400	2950	900
626229	900	2.07	52.5	2513	3750	1970	600
626230	1200	2.60	66.0	3652	5450	1475	450
626231	1800	2.89	73.5	4256	6350	985	300
626232	2400	3.27	83.0	6231	9300	820	250

24 AWG

Product Code	Number of Pairs	Nominal OD		Approximate Cable Weight		Standard Length	
		In	mm	Lbs/kft	Kg/km	Ft	m
626238	25	0.73	18.5	241	360	5900	1800
626239	75	0.87	22.0	349	520	5900	1800
626241	100	1.04	26.5	550	820	5900	1800
626243	200	1.36	34.5	972	1450	3940	1200
626244	300	1.57	40.0	1408	2100	3940	1200
626245	400	1.81	46.0	1864	2780	3280	1000
626246	600	2.11	53.5	2548	3800	2950	900
626247	900	2.56	65.0	3805	5675	1475	450
626248	1200	2.99	76.0	5076	7570	1475	450
626250	1800	3.56	90.5	7631	11,380	655	200

22 AWG

Product Code	Number of Pairs	Nominal OD		Approximate Cable Weight		Standard Length	
		In	mm	Lbs/kft	Kg/km	Ft	m
626250	25	0.85	21.5	322	480	5900	1800
626251	50	1.02	26.0	489	730	5900	1800
626252	100	1.26	32.0	831	1240	3740	1200
626254	200	1.57	42.5	1408	2100	2950	900
626255	300	1.93	49.0	2045	3050	2950	900
626256	400	2.20	56.0	2749	4100	1970	600
626257	600	2.66	67.5	3856	5750	1475	450
626258	900	3.19	81.0	5633	8400	820	250

19 AWG ANBW

Product Code	Number of Pairs	Nominal OD		Approximate Cable Weight		Standard Length	
		In	mm	Lbs/kft	Kg/km	Ft	m
626265	25	1.02	26.0	532	793	4920	1500
626266	50	1.22	31.0	896	1336	3280	1000
626267	75	1.42	36.0	1228	1832	3280	1000
626268	100	1.52	38.5	1498	2234	3280	1000
626270	200	2.13	54.0	2895	4318	1640	500
626271	300	2.54	64.5	4168	6216	985	300
626272	400	2.87	73.0	5423	8088	655	200

Note: Values shown are nominal, subject to manufacturing tolerances.
Special lengths are available upon request.