



### Kullanım Alanları

- Yer altına döşenen borular içinde.
- İletken çapı 0.4 ve 0.5 mm olan kablolar kısa mesafe dağıtım şebekelerinde.
- İletken çapı 0.6, 0.63, 0.65, 0.8 ve 0.9 mm olan kablolar ise uzun mesafeli şebekelerde.

### Kablo Yapısı

- 1 - İletken : Som elektrolitik tavlı mono bakır (CCITT Sarı Kitap Cilt III-2-G.541 B maddesi, IEC 28 ve ASTM B 3'e göre).
- 2 - İzole : Farklı renklerde solid polietilen (BS 6234 Tip 03 - ASTM D 1248).
- 3 - Büküm : Çekirdek, diyafoni zayıflaması ve kapasite dengesizliğini minimuma indirmek için özel hat ve boylarda bükülmüş dörtlülerden veya perlerden meydana gelen 10 perlik grupların oluşturduğu 25, 50 veya 100 perlik paketlerin birlikte bükülmesi ile elde edilir.
- 4 - Dolgu Materyali : Kablo özü, içerisindeki hava boşluklarından suyun ilerlemesini önlemek için, özel bir dolgu malzemesi (jel) ile doldurulur.
- 5 - Sargı : Kablo özü üzerine, uzunlamasına veya helisel olarak, higroskopik olmayan (nem içermeyen) ve dielektrik özelliği olan bir polyster bant uygulanır.
- 6 - Dolgu Materyali : Sargı ile ekran arasına, su sızdırmazlığını sağlamak amacıyla yeterli miktarda ikinci bir dolgu malzemesi (jel) uygulanır.
- 7 - Ekran : Her iki yüzü de kopolimer ile kaplı düz alüminyum folyo kablo özü üzerine uzunlamasına uygulanır.
- 8 - Dış Kılıf : Lineer alçak yoğunluklu veya orta yoğunluklu, UV rezistanslı siyah polietilen dış kılıf (ASTM D 1248).

## Teknik Özellikler

	İletken Çapı						
	0.40 mm	0.50 mm	0.60 mm	0.63 mm	0.65 mm	0.80 mm	0.90 mm
<b>İletken Direnci <math>\Omega</math>/km (20 °C)</b>							
Maksimum Ortalama	139,4	89,4	62,1	58	57	35	27,6
Maksimum Bireysel	146,6	93	64,6	60	58	37	28,8
<b>İzolasyon Direnci M<math>\Omega</math>/km (500 V DC)</b>	>10000	>10000	>15000	>15000	>15000	>15000	>15000
<b>Efektif Kapasite nF/km (800 Hz)</b>							
Maksimum Ortalama	50	50	45	45	45	45	45
Maksimum Bireysel	56	56	51	51	51	51	51
<b>Kapasite Dengesizliği pF/500 m</b>							
<b>Perler Arası</b>							
Maksimum Ortalama	125	125	60	60	60	60	60
Maksimum Bireysel	350	350	325	325	325	325	325
<b>Komşu Dörtler Arası</b>							
Maksimum Ortalama	125	125	60	60	60	60	60
Maksimum Bireysel	275	275	270	270	270	270	270
<b>Ekrana Karşı</b>							
Maksimum Ortalama	500	500	325	325	325	325	325
Maksimum Bireysel	2000	2000	1300	1300	1300	1300	1300
<b>Dielektrik Kuvveti</b>							
<b>V (DC, 1 dakika)</b>							
Per - Per	1400	1400	2000	2000	2000	2400	3000
Per - Ekran	1400	1400	2000	2000	2000	2400	3000

## PDF-AP (Quad)

Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.120.4.1.1.0040.0.0004	4	0.4	7.1	9.5	56.	1000/2000
3.120.4.1.1.0040.0.0006	6	0.4	8.2	14.2	73.	1000/2000
3.120.4.1.1.0040.0.0010	10	0.4	8.6	23.7	87	1000/2000
3.120.4.1.1.0040.0.0020	20	0.4	10.7	47.4	137	1200
3.120.4.1.1.0040.0.0030	30	0.4	13.2	71.1	206	1200
3.120.4.1.1.0040.0.0040	40	0.4	14.2	94.8	248	1200
3.120.4.1.1.0040.0.0050	50	0.4	15.3	118.5	295	1200
3.120.4.1.1.0040.0.0070	70	0.4	16.8	165.9	375	1200
3.120.4.1.1.0040.0.0080	80	0.4	17.8	189.6	419	1200
3.120.4.1.1.0040.0.0100	100	0.4	19.7	241.6	522	1200
3.120.4.1.1.0040.0.0150	150	0.4	24.1	362.4	772	1000
3.120.4.1.1.0040.0.0200	200	0.4	26.5	483.1	977	1000
3.120.4.1.1.0040.0.0250	250	0.4	29.1	603.9	1190	1000
3.120.4.1.1.0040.0.0300	300	0.4	31.5	724.7	1409	500
3.120.4.1.1.0040.0.0350	350	0.4	32.8	845.5	1583	500
3.120.4.1.1.0040.0.0400	400	0.4	35.2	966.3	1811	500
3.120.4.1.1.0040.0.0500	500	0.4	39.8	1207.9	2288	500
3.120.4.1.1.0040.0.0600	600	0.4	43.3	1449.4	2726	400
3.120.4.1.1.0040.0.0700	700	0.4	45.4	1691	3083	400
3.120.4.1.1.0040.0.0800	800	0.4	48.5	1932.6	3521	400
3.120.4.1.1.0040.0.0900	900	0.4	52.9	2174.1	4066	300
3.120.4.1.1.0040.0.1000	1000	0.4	55.6	2415.7	4504	300
3.120.4.1.1.0040.0.1200	1200	0.4	59.4	2898.9	5264	300
3.120.4.1.1.0040.0.1500	1500	0.4	66.5	3623.6	6582	250
3.120.4.1.1.0040.0.1600	1600	0.4	68.4	3865.1	6992	250
3.120.4.1.1.0040.0.1800	1800	0.4	73.6	4348.3	7972	250
3.120.4.1.1.0040.0.2100	2100	0.4	78.6	5073	9211	250
3.120.4.1.1.0040.0.2400	2400	0.4	81.8	5797.7	10246	200
Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.120.4.1.1.0050.0.0002	2	0.5	7.5	7.8	60	1000/2000
3.120.4.1.1.0050.0.0004	4	0.5	7.6	14.8	66	1000/2000
3.120.4.1.1.0050.0.0006	6	0.5	9	22.2	91	1000/2000
3.120.4.1.1.0050.0.0010	10	0.5	9.5	37	110	1000/2000
3.120.4.1.1.0050.0.0020	20	0.5	11.9	74	183	1200
3.120.4.1.1.0050.0.0030	30	0.5	15	111.1	281	1200
3.120.4.1.1.0050.0.0040	40	0.5	16.2	148.1	341	1200
3.120.4.1.1.0050.0.0050	50	0.5	17.6	185.1	409	1200
3.120.4.1.1.0050.0.0070	70	0.5	19.4	259.2	527	1200
3.120.4.1.1.0050.0.0080	80	0.5	20.6	296.2	596	1000
3.120.4.1.1.0050.0.0100	100	0.5	22.9	377.5	746	1000
3.120.4.1.1.0050.0.0150	150	0.5	28.4	566.2	1124	1000
3.120.4.1.1.0050.0.0200	200	0.5	30.9	754.9	1422	500
3.120.4.1.1.0050.0.0250	250	0.5	34	943.6	1744	500
3.120.4.1.1.0050.0.0300	300	0.5	37.5	1132.4	2082	500
3.120.4.1.1.0050.0.0350	350	0.5	39.1	1321.1	2345	500
3.120.4.1.1.0050.0.0400	400	0.5	42	1509.8	2688	400
3.120.4.1.1.0050.0.0500	500	0.5	47.6	1887.3	3400	400
3.120.4.1.1.0050.0.0600	600	0.5	51.8	2264.7	4054	300

## PDF-AP (Quad)

Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.120.4.1.1.0050.0.0700	700	0.5	54.1	2642.2	4576	300
3.120.4.1.1.0050.0.0800	800	0.5	58	3019.6	5236	300
3.120.4.1.1.0050.0.0900	900	0.5	63	3397.1	6022	300
3.120.4.1.1.0050.0.1000	1000	0.5	66	3774.5	6652	250
3.120.4.1.1.0050.0.1200	1200	0.5	71.4	4529.5	7883	250
3.120.4.1.1.0050.0.1500	1500	0.5	80.3	5661.8	9894	250
3.120.4.1.1.0050.0.1600	1600	0.5	82.6	6039.3	10510	200
3.120.4.1.1.0050.0.1800	1800	0.5	88.3	6794.2	11915	200
3.120.4.1.1.0050.0.2100	2100	0.5	94.5	7926.5	13783	200
3.120.4.1.1.0050.0.2400	2400	0.5	98.3	9058.9	15358	150
Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.120.4.1.1.0060.0.0002	2	0.6	8.7	11.2	79	1000/2000
3.120.4.1.1.0060.0.0004	4	0.6	8.8	21.3	89	1000/2000
3.120.4.1.1.0060.0.0006	6	0.6	10.7	32	126	1200
3.120.4.1.1.0060.0.0010	10	0.6	11.3	53.3	156	1200
3.120.4.1.1.0060.0.0020	20	0.6	14.6	106.6	268	1200
3.120.4.1.1.0060.0.0030	30	0.6	19	159.9	427	1200
3.120.4.1.1.0060.0.0040	40	0.6	20.7	213.3	526	1000
3.120.4.1.1.0060.0.0050	50	0.6	22.6	266.6	635	1000
3.120.4.1.1.0060.0.0070	70	0.6	25.2	373.2	826	1000
3.120.4.1.1.0060.0.0080	80	0.6	26.8	426.5	937	1000
3.120.4.1.1.0060.0.0100	100	0.6	30.5	543.5	1200	500
3.120.4.1.1.0060.0.0150	150	0.6	38	815.3	1830	500
3.120.4.1.1.0060.0.0200	200	0.6	41.6	1087.1	2316	400
3.120.4.1.1.0060.0.0250	250	0.6	45.9	1358.8	2846	400
3.120.4.1.1.0060.0.0300	300	0.6	50.5	1630.6	3396	300
3.120.4.1.1.0060.0.0350	350	0.6	52.8	1902.4	3819	300
3.120.4.1.1.0060.0.0400	400	0.6	56.7	2174.1	4384	300
3.120.4.1.1.0060.0.0500	500	0.6	64.8	2717.7	5600	300
3.120.4.1.1.0060.0.0600	600	0.6	70.3	3261.2	6650	250
3.120.4.1.1.0060.0.0700	700	0.6	73.6	3804.7	7493	250
3.120.4.1.1.0060.0.0800	800	0.6	78.9	4348.3	8593	250
3.120.4.1.1.0060.0.0900	900	0.6	85.4	4891.8	9863	200
3.120.4.1.1.0060.0.1000	1000	0.6	90.5	5435.3	11033	200
3.120.4.1.1.0060.0.1200	1200	0.6	96.9	6522.4	12903	150
Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.120.4.1.1.0080.0.0002	2	0.8	9.8	19.9	104	1200
3.120.4.1.1.0080.0.0004	4	0.8	10	37.9	121	1200
3.120.4.1.1.0080.0.0006	6	0.8	12.5	56.9	180	1200
3.120.4.1.1.0080.0.0010	10	0.8	13.2	94.8	228	1200
3.120.4.1.1.0080.0.0020	20	0.8	17.4	189.6	410	1200
3.120.4.1.1.0080.0.0030	30	0.8	23	284.3	666	1000
3.120.4.1.1.0080.0.0040	40	0.8	25.2	379.1	829	1000
3.120.4.1.1.0080.0.0050	50	0.8	27.6	473.9	1011	1000
3.120.4.1.1.0080.0.0070	70	0.8	30.9	663.5	1328	500
3.120.4.1.1.0080.0.0080	80	0.8	33	758.2	1512	500

## PDF-AP (Quad)

Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.120.4.1.1.0080.0.0100	100	0.8	37.6	966.3	1944	500
3.120.4.1.1.0080.0.0150	150	0.8	47.2	1449.4	2977	400
3.120.4.1.1.0080.0.0200	200	0.8	51.9	1932.6	3796	300
3.120.4.1.1.0080.0.0250	250	0.8	57.4	2415.7	4690	300
3.120.4.1.1.0080.0.0300	300	0.8	63.2	2898.9	5597	300
3.120.4.1.1.0080.0.0350	350	0.8	66.2	3382	6342	250
3.120.4.1.1.0080.0.0400	400	0.8	71	3865.1	7258	250
3.120.4.1.1.0080.0.0500	500	0.8	81.3	4831.4	9286	200
3.120.4.1.1.0080.0.0600	600	0.8	88.4	5797.7	11053	200
3.120.4.1.1.0080.0.0700	700	0.8	92.5	6764	12528	200
3.120.4.1.1.0080.0.0800	800	0.8	99.5	7730.3	14412	200
3.120.4.1.1.0080.0.0900	900	0.8	108.1	8696.6	16534	150
3.120.4.1.1.0080.0.1000	1000	0.8	113.3	9662.8	18335	150
3.120.4.1.1.0080.0.1200	1200	0.8	121.6	11595.4	21516	150
Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.120.4.1.1.0090.0.0002	2	0.9	10.1	25.2	112	1200
3.120.4.1.1.0090.0.0004	4	0.9	10.3	48	134	1200
3.120.4.1.1.0090.0.0006	6	0.9	12.9	72	202	1200
3.120.4.1.1.0090.0.0010	10	0.9	13.6	120	261	1200
3.120.4.1.1.0090.0.0020	20	0.9	18.1	239.9	473	1200
3.120.4.1.1.0090.0.0030	30	0.9	24	359.9	765	1000
3.120.4.1.1.0090.0.0040	40	0.9	26.3	479.8	961	1000
3.120.4.1.1.0090.0.0050	50	0.9	28.8	599.8	1173	1000
3.120.4.1.1.0090.0.0070	70	0.9	32.4	839.7	1551	500
3.120.4.1.1.0090.0.0080	80	0.9	35.2	978.4	1823	500
3.120.4.1.1.0090.0.0100	100	0.9	39.6	1223	2284	500
3.120.4.1.1.0090.0.0150	150	0.9	49.5	1834.4	3483	400
3.120.4.1.1.0090.0.0200	200	0.9	54.4	2445.9	4454	300
3.120.4.1.1.0090.0.0250	250	0.9	61.2	3057.4	5556	300
3.120.4.1.1.0090.0.0300	300	0.9	66.3	3668.9	6578	250
3.120.4.1.1.0090.0.0350	350	0.9	69.6	4280.3	7458	250
3.120.4.1.1.0090.0.0400	400	0.9	74.6	4891.8	8548	250
3.120.4.1.1.0090.0.0500	500	0.9	85.5	6114.8	10927	200
3.120.4.1.1.0090.0.0600	600	0.9	92.9	7337.7	13012	200

## PDF-AP (Pair)

Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.121.1.1.1.0040.0.0002	2	0.4	6.9	4.8	49	1000/2000
3.121.1.1.1.0040.0.0004	4	0.4	7.9	9.5	64	1000/2000
3.121.1.1.1.0040.0.0005	5	0.4	8.1	11.9	68	1000/2000
3.121.1.1.1.0040.0.0006	6	0.4	9	14.3	82	1000/2000
3.121.1.1.1.0040.0.0010	10	0.4	9.7	23.7	101	1000/2000
3.121.1.1.1.0040.0.0020	20	0.4	11.8	47.4	155	1200
Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.121.1.1.1.0040.0.0025	25	0.4	13.1	59.3	189	1200
3.121.1.1.1.0040.0.0030	30	0.4	14.4	71.1	229	1200
3.121.1.1.1.0040.0.0040	40	0.4	15.6	94.8	277	1200
3.121.1.1.1.0040.0.0050	50	0.4	16.8	118.5	327	1200
3.121.1.1.1.0040.0.0070	70	0.4	18.7	165.9	421	1200
3.121.1.1.1.0040.0.0080	80	0.4	19.8	189.6	473	1200
3.121.1.1.1.0040.0.0100	100	0.4	21.9	241.6	588	1000
3.121.1.1.1.0040.0.0150	150	0.4	26.8	362.4	869	1000
3.121.1.1.1.0040.0.0200	200	0.4	29.5	483.2	1095	1000
3.121.1.1.1.0040.0.0250	250	0.4	32.4	604	1336	500
3.121.1.1.1.0040.0.0300	300	0.4	35	724.8	1575	500
3.121.1.1.1.0040.0.0350	350	0.4	36.5	845.5	1765	500
3.121.1.1.1.0040.0.0400	400	0.4	39.2	966.3	2023	500
3.121.1.1.1.0040.0.0500	500	0.4	44.3	1207.9	2558	400
3.121.1.1.1.0040.0.0600	600	0.4	47.8	1449.5	3016	400
3.121.1.1.1.0040.0.0700	700	0.4	49.9	1691	3397	400
3.121.1.1.1.0040.0.0800	800	0.4	53.7	1932.6	3895	300
3.121.1.1.1.0040.0.0900	900	0.4	58.7	2174.2	4523	300
3.121.1.1.1.0040.0.1000	1000	0.4	61.5	2415.8	4992	300
3.121.1.1.1.0040.0.1200	1200	0.4	66.5	2898.9	5908	250
3.121.1.1.1.0040.0.1500	1500	0.4	74.7	3623.6	7408	250
3.121.1.1.1.0040.0.1600	1600	0.4	76.8	3865.2	7869	250
3.121.1.1.1.0040.0.1800	1800	0.4	81.9	4348.3	8903	200
3.121.1.1.1.0040.0.2100	2100	0.4	87.7	5073	10291	200
3.121.1.1.1.0040.0.2400	2400	0.4	91.5	5797.8	11448	200

## PDF-AP (Pair)

Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.121.1.1.1.0050.0.0002	2	0.5	7.5	7.5	57	1000/2000
3.121.1.1.1.0050.0.0004	4	0.5	8.8	14.9	82	1000/2000
3.121.1.1.1.0050.0.0005	5	0.5	9	18.6	87	1000/2000
3.121.1.1.1.0050.0.0006	6	0.5	10.1	22.3	106	1200
3.121.1.1.1.0050.0.0010	10	0.5	10.9	37.1	132	1200
3.121.1.1.1.0050.0.0020	20	0.5	13.6	74.1	213	1200
3.121.1.1.1.0050.0.0025	25	0.5	15.3	92.6	267	1200
3.121.1.1.1.0050.0.0030	30	0.5	17	111.1	325	1200
3.121.1.1.1.0050.0.0040	40	0.5	18.4	148.1	396	1200
3.121.1.1.1.0050.0.0050	50	0.5	20	185.2	474	1200
3.121.1.1.1.0050.0.0070	70	0.5	22.4	259.2	618	1000
3.121.1.1.1.0050.0.0080	80	0.5	23.7	296.2	699	1000
3.121.1.1.1.0050.0.0100	100	0.5	26.5	377.5	872	1000
3.121.1.1.1.0050.0.0150	150	0.5	32.8	566.2	1320	500
3.121.1.1.1.0050.0.0200	200	0.5	36.5	755	1679	500
3.121.1.1.1.0050.0.0250	250	0.5	40.3	943.7	2072	400
3.121.1.1.1.0050.0.0300	300	0.5	43.5	1132.4	2431	400
3.121.1.1.1.0050.0.0350	350	0.5	45.6	1321.1	2746	400
3.121.1.1.1.0050.0.0400	400	0.5	48.7	1509.9	3129	400
3.121.1.1.1.0050.0.0500	500	0.5	54.9	1887.3	3969	300
3.121.1.1.1.0050.0.0600	600	0.5	60	2264.8	4716	300
3.121.1.1.1.0050.0.0700	700	0.5	62.7	2642.2	5304	300
Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.121.1.1.1.0050.0.0800	800	0.5	67.2	3019.7	6074	250
3.121.1.1.1.0050.0.0900	900	0.5	73	3397.1	7004	250
3.121.1.1.1.0050.0.1000	1000	0.5	76.6	3774.6	7743	250
3.121.1.1.1.0050.0.1200	1200	0.5	82.8	4529.5	9156	200
3.121.1.1.1.0050.0.1500	1500	0.5	93.1	5661.9	11503	200
3.121.1.1.1.0050.0.1600	1600	0.5	95.8	6039.3	12232	150
3.121.1.1.1.0050.0.1800	1800	0.5	102.3	6794.2	13855	150

## PDF-AP (Pair)

Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.121.1.1.1.0060.0.0002	2	0.6	8.3	10.7	70	1000/2000
3.121.1.1.1.0060.0.0004	4	0.6	10	21.4	103	1000/2000
3.121.1.1.1.0060.0.0005	5	0.6	10.2	26.7	114	1200
3.121.1.1.1.0060.0.0006	6	0.6	11.7	32	142	1200
3.121.1.1.1.0060.0.0010	10	0.6	12.6	53.4	177	1200
3.121.1.1.1.0060.0.0020	20	0.6	16.1	106.7	302	1200
3.121.1.1.1.0060.0.0025	25	0.6	18.4	133.3	385	1200
3.121.1.1.1.0060.0.0030	30	0.6	20.6	160	470	1000
3.121.1.1.1.0060.0.0040	40	0.6	22.4	213.3	578	1000
3.121.1.1.1.0060.0.0050	50	0.6	24.5	266.6	697	1000
3.121.1.1.1.0060.0.0070	70	0.6	27.5	373.2	912	1000
3.121.1.1.1.0060.0.0080	80	0.6	29.5	426.6	1044	1000
3.121.1.1.1.0060.0.0100	100	0.6	33.1	543.6	1315	500
3.121.1.1.1.0060.0.0150	150	0.6	41.2	815.4	2007	400
3.121.1.1.1.0060.0.0200	200	0.6	45.7	1087.1	2543	400
3.121.1.1.1.0060.0.0250	250	0.6	50.6	1358.9	3144	300
3.121.1.1.1.0060.0.0300	300	0.6	54.9	1630.7	3720	300
3.121.1.1.1.0060.0.0350	350	0.6	57.4	1902.4	4180	300
3.121.1.1.1.0060.0.0400	400	0.6	61.7	2174.2	4800	300
3.121.1.1.1.0060.0.0500	500	0.6	70.3	2717.7	6118	250
3.121.1.1.1.0060.0.0600	600	0.6	76.5	3261.3	7296	250
3.121.1.1.1.0060.0.0700	700	0.6	80	3804.8	8205	250
3.121.1.1.1.0060.0.0800	800	0.6	85.9	4348.3	9413	200
3.121.1.1.1.0060.0.0900	900	0.6	93	4891.9	10821	200
Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.121.1.1.1.0063.0.0002	2	0.63	8.5	11.8	75	1000/2000
3.121.1.1.1.0063.0.0004	4	0.63	10.3	23.6	112	1200
3.121.1.1.1.0063.0.0005	5	0.63	10.6	29.4	121	1200
3.121.1.1.1.0063.0.0006	6	0.63	12.2	35.3	153	1200
3.121.1.1.1.0063.0.0010	10	0.63	13.1	58.8	192	1200
3.121.1.1.1.0063.0.0020	20	0.63	16.9	117.6	328	1200
3.121.1.1.1.0063.0.0025	25	0.63	19.3	147	417	1200
3.121.1.1.1.0063.0.0030	30	0.63	21.6	176.4	515	1000
3.121.1.1.1.0063.0.0040	40	0.63	23.6	235.2	638	1000
3.121.1.1.1.0063.0.0050	50	0.63	25.8	293.9	770	1000
3.121.1.1.1.0063.0.0070	70	0.63	29	411.5	1009	1000
3.121.1.1.1.0063.0.0080	80	0.63	31.1	470.3	1155	500
3.121.1.1.1.0063.0.0100	100	0.63	34.9	599.3	1457	500
3.121.1.1.1.0063.0.0150	150	0.63	43.6	898.9	2232	400
3.121.1.1.1.0063.0.0200	200	0.63	48.3	1198.5	2825	400



## PDF-AP (Pair)

Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.121.1.1.1.0065.0.0002	2	0.65	8.8	12.6	79	1000/2000
3.121.1.1.1.0065.0.0004	4	0.65	10.7	25.1	118	1200
3.121.1.1.1.0065.0.0005	5	0.65	10.9	31.3	130	1200
3.121.1.1.1.0065.0.0006	6	0.65	12.6	37.6	164	1200
3.121.1.1.1.0065.0.0010	10	0.65	13.6	62.6	205	1200
3.121.1.1.1.0065.0.0020	20	0.65	17.6	125.2	356	1200
3.121.1.1.1.0065.0.0025	25	0.65	20.1	156.5	456	1000
3.121.1.1.1.0065.0.0030	30	0.65	22.8	187.8	567	1000
3.121.1.1.1.0065.0.0040	40	0.65	24.9	250.3	698	1000
3.121.1.1.1.0065.0.0050	50	0.65	27.4	312.9	854	1000
3.121.1.1.1.0065.0.0070	70	0.65	30.7	438	1108	500
3.121.1.1.1.0065.0.0080	80	0.65	33.3	500.6	1287	500
3.121.1.1.1.0065.0.0100	100	0.65	37.3	637.9	1626	500
3.121.1.1.1.0065.0.0150	150	0.65	46.1	956.9	2453	400
3.121.1.1.1.0065.0.0200	200	0.65	51.2	1275.8	3107	300
Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.121.1.1.1.0080.0.0002	2	0.8	9.2	19	92	1000/2000
3.121.1.1.1.0080.0.0004	4	0.8	11.3	38	141	1200
3.121.1.1.1.0080.0.0005	5	0.8	11.6	47.4	158	1200
3.121.1.1.1.0080.0.0006	6	0.8	13.6	56.9	198	1200
3.121.1.1.1.0080.0.0010	10	0.8	14.6	94.8	256	1200
3.121.1.1.1.0080.0.0020	20	0.8	19	189.6	453	1200
3.121.1.1.1.0080.0.0025	25	0.8	21.9	237	582	1000
3.121.1.1.1.0080.0.0030	30	0.8	24.8	284.4	724	1000
3.121.1.1.1.0080.0.0040	40	0.8	27.2	379.2	902	1000
3.121.1.1.1.0080.0.0050	50	0.8	30	473.9	1104	1000
3.121.1.1.1.0080.0.0070	70	0.8	33.6	663.5	1447	500
3.121.1.1.1.0080.0.0080	80	0.8	36.1	758.3	1657	500
3.121.1.1.1.0080.0.0100	100	0.8	41	966.3	2127	400
3.121.1.1.1.0080.0.0150	150	0.8	50.8	1449.5	3224	300
3.121.1.1.1.0080.0.0200	200	0.8	56.2	1932.6	4087	300
3.121.1.1.1.0080.0.0250	250	0.8	62.4	2415.8	5071	300
3.121.1.1.1.0080.0.0300	300	0.8	68	2898.9	6046	250
3.121.1.1.1.0080.0.0350	350	0.8	71.1	3382	6805	250
3.121.1.1.1.0080.0.0400	400	0.8	76.3	3865.2	7797	250
3.121.1.1.1.0080.0.0500	500	0.8	87.2	4831.5	9963	200
3.121.1.1.1.0080.0.0600	600	0.8	94.6	5797.8	11838	200

## PDF-AP (Pair)

Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.121.1.1.1.0090.0.0002	2	0.9	9.5	24	99	1000/2000
3.121.1.1.1.0090.0.0004	4	0.9	11.7	48	155	1200
3.121.1.1.1.0090.0.0005	5	0.9	12	60	175	1200
3.121.1.1.1.0090.0.0006	6	0.9	14	72	222	1200
3.121.1.1.1.0090.0.0010	10	0.9	15.1	120	288	1200
3.121.1.1.1.0090.0.0020	20	0.9	19.8	240	517	1200
3.121.1.1.1.0090.0.0025	25	0.9	22.8	299.9	665	1000
3.121.1.1.1.0090.0.0030	30	0.9	25.9	359.9	829	1000
3.121.1.1.1.0090.0.0040	40	0.9	28.3	479.9	1038	1000
3.121.1.1.1.0090.0.0050	50	0.9	31.3	599.8	1273	500
3.121.1.1.1.0090.0.0070	70	0.9	35.1	839.7	1677	500
3.121.1.1.1.0090.0.0080	80	0.9	38	959.7	1943	500
3.121.1.1.1.0090.0.0100	100	0.9	42.8	1223	2465	400
3.121.1.1.1.0090.0.0150	150	0.9	53.8	1834.5	3787	300
3.121.1.1.1.0090.0.0200	200	0.9	59.4	2446	4819	300
3.121.1.1.1.0090.0.0250	250	0.9	65.8	3057.4	5951	250
3.121.1.1.1.0090.0.0300	300	0.9	71.4	3668.9	7074	250
3.121.1.1.1.0090.0.0350	350	0.9	74.7	4280.4	7983	250
3.121.1.1.1.0090.0.0400	400	0.9	80.2	4891.9	9149	200
3.121.1.1.1.0090.0.0500	500	0.9	91.6	6114.8	11681	200
3.121.1.1.1.0090.0.0600	600	0.9	99.6	7337.8	13907	150