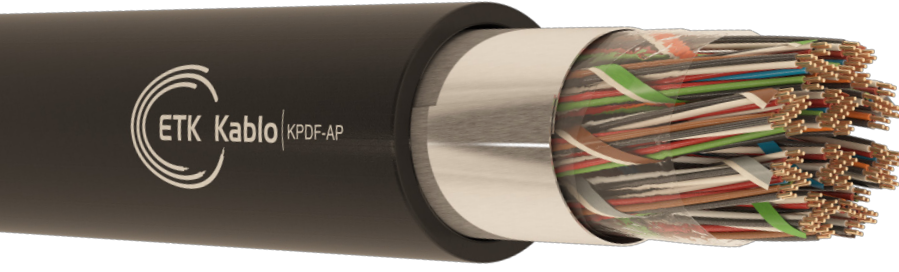


Harici Telefon Kabloları

KPDF-AP

A-02YSF(L)2Y



Kullanım Alanları

- Doğrudan yer altına gömülebilir.
- 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 tabakası ile kaplanmış köpüklü 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 polyester 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).

Notlar

Referans Standardı: TS EN 60708

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
İletken Direnci Ω/km (20 °C)							
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
İzolasyon Direnci MΩ/km (500 V DC)	>10000	>10000	>15000	>15000	>15000	>15000	>15000
Efektif Kapasite nF/km (800 Hz)							
Maksimum Ortalama	50	50	45	45	45	45	45
Maksimum Bireysel	56	56	51	51	51	51	51
Kapasite Dengesizliği pF/500 m							
Perler Arası							
Maksimum Ortalama	125	125	60	60	60	60	60
Maksimum Bireysel	350	350	325	325	325	325	325
Komşu Dörtler Arası							
Maksimum Ortalama	125	125	60	60	60	60	60
Maksimum Bireysel	275	275	270	270	270	270	270
Ekrana Karşı							
Maksimum Ortalama	500	500	325	325	325	325	325
Maksimum Bireysel	2000	2000	1300	1300	1300	1300	1300
Dielektrik Kuvveti							
V (DC, 1 dakika)							
Per - Per	1400	1400	2000	2000	2000	2400	3000
Per - Ekran	1400	1400	2000	2000	2000	2400	3000

KPDF-AP (Quad)

Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.120.4.5.1.0040.0.0002	2	0.4	6.7	4.8	48	1500
3.120.4.5.1.0040.0.0004	4	0.4	6.8	9.5	52	1500
3.120.4.5.1.0040.0.0006	6	0.4	7.8	14.3	67	1500
3.120.4.5.1.0040.0.0010	10	0.4	8.2	23.7	80	1500
3.120.4.5.1.0040.0.0020	20	0.4	10	47.4	125	1500
3.120.4.5.1.0040.0.0030	30	0.4	13	71.1	181	1500
3.120.4.5.1.0040.0.0040	40	0.4	14	94.8	219	1500
3.120.4.5.1.0040.0.0050	50	0.4	15	118.5	259	1000
3.120.4.5.1.0040.0.0070	70	0.4	16	165.9	329	1000
3.120.4.5.1.0040.0.0080	80	0.4	17	189.6	369	1000
3.120.4.5.1.0040.0.0100	100	0.4	18	241.6	455	1000
3.120.4.5.1.0040.0.0150	150	0.4	22	362.4	672	500
3.120.4.5.1.0040.0.0200	200	0.4	24	483.2	848	500
3.120.4.5.1.0040.0.0250	250	0.4	27	604	1035	500
3.120.4.5.1.0040.0.0300	300	0.4	29	724.8	1223	500
3.120.4.5.1.0040.0.0350	350	0.4	30	845.5	1374	500
3.120.4.5.1.0040.0.0400	400	0.4	32	966.3	1573	500
3.120.4.5.1.0040.0.0500	500	0.4	36	1207.9	1979	500
3.120.4.5.1.0040.0.0600	600	0.4	39	1449.5	2358	500
3.120.4.5.1.0040.0.0700	700	0.4	41	1691	2673	500
3.120.4.5.1.0040.0.0800	800	0.4	44	1932.6	3050	300
3.120.4.5.1.0040.0.0900	900	0.4	48	2174.2	3515	300
3.120.4.5.1.0040.0.1000	1000	0.4	50	2415.8	3891	300
3.120.4.5.1.0040.0.1200	1200	0.4	54	2898.9	4552	300
3.120.4.5.1.0040.0.1500	1500	0.4	60	3623.6	5686	250
3.120.4.5.1.0040.0.1600	1600	0.4	61	3865.2	6038	250
3.120.4.5.1.0040.0.1800	1800	0.4	66	4348.3	6876	200
3.120.4.5.1.0040.0.2100	2100	0.4	70	5073	7943	200
3.120.4.5.1.0040.0.2400	2400	0.4	73	5797.8	8851	200
Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.120.4.5.1.0050.0.0002	2	0.5	7.2	7.4	55	1500
3.120.4.5.1.0050.0.0004	4	0.5	7.3	14.8	62	1500
3.120.4.5.1.0050.0.0006	6	0.5	8.5	22.3	83	1500
3.120.4.5.1.0050.0.0010	10	0.5	9	36.9	101	1500
3.120.4.5.1.0050.0.0020	20	0.5	12	73.7	164	1500
3.120.4.5.1.0050.0.0030	30	0.5	14	111.1	248	1500
3.120.4.5.1.0050.0.0040	40	0.5	15	148.1	303	1500
3.120.4.5.1.0050.0.0050	50	0.5	17	184.3	362	1000
3.120.4.5.1.0050.0.0070	70	0.5	18	259.2	466	1000
3.120.4.5.1.0050.0.0080	80	0.5	19	296.2	523	500
3.120.4.5.1.0050.0.0100	100	0.5	21	377.5	657	500
3.120.4.5.1.0050.0.0150	150	0.5	26	566.2	978	500
3.120.4.5.1.0050.0.0200	200	0.5	29	755	1244	500
3.120.4.5.1.0050.0.0250	250	0.5	32	943.7	1524	500
3.120.4.5.1.0050.0.0300	300	0.5	34	1132.4	1814	500
3.120.4.5.1.0050.0.0350	350	0.5	36	1321.1	2046	500
3.120.4.5.1.0050.0.0400	400	0.5	38	1509.9	2340	500

KPDF-AP (Quad)

Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.120.4.5.1.0050.0.0500	500	0.5	43	1887.3	2953	500
3.120.4.5.1.0050.0.0600	600	0.5	47	2264.8	3522	300
3.120.4.5.1.0050.0.0700	700	0.5	49	2642.2	3983	300
3.120.4.5.1.0050.0.0800	800	0.5	53	3019.7	4565	300
3.120.4.5.1.0050.0.0900	900	0.5	57	3397.1	5222	300
3.120.4.5.1.0050.0.1000	1000	0.5	59	3774.6	5768	250
3.120.4.5.1.0050.0.1200	1200	0.5	64	4529.5	6845	250
3.120.4.5.1.0050.0.1500	1500	0.5	72	5661.9	8577	200
3.120.4.5.1.0050.0.1600	1600	0.5	74	6039.3	9114	200
3.120.4.5.1.0050.0.1800	1800	0.5	79	6794.2	10323	200
Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.120.4.5.1.0060.0.0002	2	0.6	8	10.7	67	1000/2000
3.120.4.5.1.0060.0.0004	4	0.6	8.1	21.4	77	1000/2000
3.120.4.5.1.0060.0.0006	6	0.6	9.7	32	107	1000/2000
3.120.4.5.1.0060.0.0010	10	0.6	11	53.4	133	1200
3.120.4.5.1.0060.0.0020	20	0.6	13	106.7	224	1200
3.120.4.5.1.0060.0.0030	30	0.6	17	160	346	1200
3.120.4.5.1.0060.0.0040	40	0.6	18	213.3	426	1200
3.120.4.5.1.0060.0.0050	50	0.6	20	266.6	514	1200
3.120.4.5.1.0060.0.0070	70	0.6	22	373.2	666	1200
3.120.4.5.1.0060.0.0080	80	0.6	23	426.6	755	1200
3.120.4.5.1.0060.0.0100	100	0.6	26	543.6	961	1000
3.120.4.5.1.0060.0.0150	150	0.6	33	815.4	1453	1000
3.120.4.5.1.0060.0.0200	200	0.6	36	1087.1	1847	1000
3.120.4.5.1.0060.0.0250	250	0.6	40	1358.9	2266	1000
3.120.4.5.1.0060.0.0300	300	0.6	43	1630.7	2699	1000
3.120.4.5.1.0060.0.0350	350	0.6	45	1902.4	3042	500
3.120.4.5.1.0060.0.0400	400	0.6	48	2174.2	3487	500
3.120.4.5.1.0060.0.0500	500	0.6	55	2717.7	4434	400
3.120.4.5.1.0060.0.0600	600	0.6	60	3261.3	5266	400
3.120.4.5.1.0060.0.0700	700	0.6	62	3804.8	5951	400
3.120.4.5.1.0060.0.0800	800	0.6	67	4348.3	6812	300
3.120.4.5.1.0060.0.0900	900	0.6	72	4891.9	7790	300
3.120.4.5.1.0060.0.1000	1000	0.6	76	5435.4	8703	300
3.120.4.5.1.0060.0.1200	1200	0.6	81	6522.5	10209	250
Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.120.4.5.1.0080.0.0002	2	0.8	9	19	87	1000/2000
3.120.4.5.1.0080.0.0004	4	0.8	9.1	38	104	1200
3.120.4.5.1.0080.0.0006	6	0.8	12	56.9	151	1200
3.120.4.5.1.0080.0.0010	10	0.8	12	94.8	194	1200
3.120.4.5.1.0080.0.0020	20	0.8	16	189.6	343	1200
3.120.4.5.1.0080.0.0030	30	0.8	20	284.4	543	1200
3.120.4.5.1.0080.0.0040	40	0.8	22	379.2	675	1200
3.120.4.5.1.0080.0.0050	50	0.8	25	473.9	828	1000
3.120.4.5.1.0080.0.0070	70	0.8	28	663.5	1097	1000
3.120.4.5.1.0080.0.0080	80	0.8	29	758.3	1246	1000

KPDF-AP (Quad)

Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.120.4.5.1.0080.0.0100	100	0.8	33	966.3	1584	1000
3.120.4.5.1.0080.0.0150	150	0.8	41	1449.5	2422	500
3.120.4.5.1.0080.0.0200	200	0.8	46	1932.6	3095	500
3.120.4.5.1.0080.0.0250	250	0.8	50	2415.8	3829	400
3.120.4.5.1.0080.0.0300	300	0.8	54	2898.9	4529	400
3.120.4.5.1.0080.0.0350	350	0.8	57	3382	5122	300
3.120.4.5.1.0080.0.0400	400	0.8	61	3865.2	5859	300
3.120.4.5.1.0080.0.0500	500	0.8	70	4831.5	7488	300
3.120.4.5.1.0080.0.0600	600	0.8	76	5797.8	8906	250
3.120.4.5.1.0080.0.0700	700	0.8	79	6764	10088	250
3.120.4.5.1.0080.0.0800	800	0.8	85	7730.3	11590	200
3.120.4.5.1.0080.0.0900	900	0.8	92	8696.6	13265	200
3.120.4.5.1.0080.0.1000	1000	0.8	96	9662.9	14687	200
3.120.4.5.1.0080.0.1200	1200	0.8	103	11595.5	17279	200
Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.120.4.5.1.0090.0.0002	2	0.9	9.4	24	99	1000/2000
3.120.4.5.1.0090.0.0004	4	0.9	9.6	48	120	1200
3.120.4.5.1.0090.0.0006	6	0.9	13	72	178	1200
3.120.4.5.1.0090.0.0010	10	0.9	13	120	230	1200
3.120.4.5.1.0090.0.0020	20	0.9	17	240	408	1200
3.120.4.5.1.0090.0.0030	30	0.9	22	359.9	658	1200
3.120.4.5.1.0090.0.0040	40	0.9	24	479.9	830	1000
3.120.4.5.1.0090.0.0050	50	0.9	27	599.8	1012	1000
3.120.4.5.1.0090.0.0070	70	0.9	30	839.7	1340	1000
3.120.4.5.1.0090.0.0080	80	0.9	32	959.7	1526	1000
3.120.4.5.1.0090.0.0100	100	0.9	36	1223	1952	500
3.120.4.5.1.0090.0.0150	150	0.9	45	1834.5	2981	500
3.120.4.5.1.0090.0.0200	200	0.9	50	2446	3814	500
3.120.4.5.1.0090.0.0250	250	0.9	55	3057.4	4704	400
3.120.4.5.1.0090.0.0300	300	0.9	59	3668.9	5574	300
3.120.4.5.1.0090.0.0350	350	0.9	62	4280.4	6330	300
3.120.4.5.1.0090.0.0400	400	0.9	67	4891.9	7245	300
3.120.4.5.1.0090.0.0500	500	0.9	76	6114.8	9225	250
3.120.4.5.1.0090.0.0600	600	0.9	82	7337.8	10958	250
3.120.4.5.1.0090.0.0700	700	0.9	86	8560.7	12432	200
3.120.4.5.1.0090.0.0800	800	0.9	92	9783.7	14258	200
3.120.4.5.1.0090.0.0900	900	0.9	100	11006.6	16321	200
3.120.4.5.1.0090.0.1000	1000	0.9	105	12229.6	18079	200
3.120.4.5.1.0090.0.1200	1200	0.9	113	14675.5	21294	200

KPDF-AP (Pair)

Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.121.1.5.1.0040.0.0002	2	0.4	6.6	4.8	46	1000/2000
3.121.1.5.1.0040.0.0004	4	0.4	7.4	9.5	58	1000/2000
3.121.1.5.1.0040.0.0005	5	0.4	7.7	11.9	63	1000/2000
3.121.1.5.1.0040.0.0006	6	0.4	8.5	14.3	74	1000/2000
3.121.1.5.1.0040.0.0010	10	0.4	8.7	23.7	86	1000/2000
3.121.1.5.1.0040.0.0020	20	0.4	10.7	47.4	134	1200
3.121.1.5.1.0040.0.0025	25	0.4	11.8	59.3	160	1200
3.121.1.5.1.0040.0.0030	30	0.4	12.9	71.1	193	1200
3.121.1.5.1.0040.0.0040	40	0.4	13.8	94.8	230	1200
3.121.1.5.1.0040.0.0050	50	0.4	14.9	118.5	275	1200
3.121.1.5.1.0040.0.0060	60	0.4	15.8	142.2	314	1200
3.121.1.5.1.0040.0.0070	70	0.4	16.3	165.9	345	1200
3.121.1.5.1.0040.0.0080	80	0.4	17.2	189.6	389	1200
3.121.1.5.1.0040.0.0100	100	0.4	19	241.6	479	1200
3.121.1.5.1.0040.0.0150	150	0.4	23.1	362.4	705	1000
3.121.1.5.1.0040.0.0200	200	0.4	25.4	483.2	892	1000
3.121.1.5.1.0040.0.0250	250	0.4	27.8	604	1084	1000
3.121.1.5.1.0040.0.0300	300	0.4	30	724.8	1281	1000
3.121.1.5.1.0040.0.0350	350	0.4	31.4	845.5	1447	500
3.121.1.5.1.0040.0.0400	400	0.4	33.5	966.3	1647	500
3.121.1.5.1.0040.0.0500	500	0.4	38	1207.9	2084	500
3.121.1.5.1.0040.0.0600	600	0.4	41.3	1449.5	2482	400
3.121.1.5.1.0040.0.0700	700	0.4	43.1	1691	2795	400
3.121.1.5.1.0040.0.0800	800	0.4	46.4	1932.6	3216	400
3.121.1.5.1.0040.0.0900	900	0.4	50.1	2174.2	3678	300
3.121.1.5.1.0040.0.1000	1000	0.4	52.9	2415.8	4089	300
3.121.1.5.1.0040.0.1200	1200	0.4	56.8	2898.9	4810	300
3.121.1.5.1.0040.0.1500	1500	0.4	63.6	3623.6	6020	300
3.121.1.5.1.0040.0.1600	1600	0.4	65.4	3865.2	6388	250
3.121.1.5.1.0040.0.1800	1800	0.4	69.9	4348.3	7235	250
3.121.1.5.1.0040.0.1900	1900	0.4	71.9	4589.9	7643	250
3.121.1.5.1.0040.0.2100	2100	0.4	74.8	5073	8367	250
3.121.1.5.1.0040.0.2400	2400	0.4	77.4	5797.8	9298	250
Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.121.1.5.1.0050.0.0002	2	0.5	7	7.5	52	1000/2000
3.121.1.5.1.0050.0.0004	4	0.5	8	14.9	70	1000/2000
3.121.1.5.1.0050.0.0005	5	0.5	8.1	18.6	76	1000/2000
3.121.1.5.1.0050.0.0006	6	0.5	9.1	22.3	88	1000/2000
3.121.1.5.1.0050.0.0010	10	0.5	9.6	37.1	108	1000/2000
3.121.1.5.1.0050.0.0020	20	0.5	11.9	74.1	178	1200
3.121.1.5.1.0050.0.0025	25	0.5	13.3	92.6	215	1200
3.121.1.5.1.0050.0.0030	30	0.5	14.6	111.1	261	1200
3.121.1.5.1.0050.0.0040	40	0.5	15.8	148.1	319	1200
3.121.1.5.1.0050.0.0050	50	0.5	17	185.2	379	1200
3.121.1.5.1.0050.0.0060	60	0.5	18.1	222.2	439	1200

KPDF-AP (Pair)

Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.121.1.5.1.0050.0.0070	70	0.5	18.8	259.2	488	1200
3.121.1.5.1.0050.0.0080	80	0.5	19.9	296.2	552	1200
3.121.1.5.1.0050.0.0100	100	0.5	22.3	377.5	693	1000
3.121.1.5.1.0050.0.0150	150	0.5	27.4	566.2	1038	1000
3.121.1.5.1.0050.0.0200	200	0.5	30.3	755	1314	500
3.121.1.5.1.0050.0.0250	250	0.5	33.4	943.7	1616	500
3.121.1.5.1.0050.0.0300	300	0.5	35.9	1132.4	1902	500
3.121.1.5.1.0050.0.0350	350	0.5	37.4	1321.1	2142	500
3.121.1.5.1.0050.0.0400	400	0.5	40.1	1509.9	2450	400
3.121.1.5.1.0050.0.0500	500	0.5	45.3	1887.3	3097	400
3.121.1.5.1.0050.0.0600	600	0.5	49.3	2264.8	3688	400
3.121.1.5.1.0050.0.0700	700	0.5	51.5	2642.2	4165	300
3.121.1.5.1.0050.0.0800	800	0.5	55.5	3019.7	4789	300
3.121.1.5.1.0050.0.0900	900	0.5	59.8	3397.1	5467	300
3.121.1.5.1.0050.0.1000	1000	0.5	62.9	3774.6	6058	300
3.121.1.5.1.0050.0.1200	1200	0.5	67.8	4529.5	7161	250
3.121.1.5.1.0050.0.1500	1500	0.5	76.1	5661.9	8977	250
3.121.1.5.1.0050.0.1600	1600	0.5	78.3	6039.3	9534	250
3.121.1.5.1.0050.0.1800	1800	0.5	83.7	6794.2	10802	200
Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.121.1.5.1.0060.0.0002	2	0.6	7.6	10.7	62	1000/2000
3.121.1.5.1.0060.0.0004	4	0.6	9	21.4	88	1000/2000
3.121.1.5.1.0060.0.0005	5	0.6	9.1	26.7	95	1000/2000
3.121.1.5.1.0060.0.0006	6	0.6	10.4	32	115	1200
3.121.1.5.1.0060.0.0010	10	0.6	10.9	53.4	143	1200
3.121.1.5.1.0060.0.0015	15	0.6	11.6	80	183	1200
3.121.1.5.1.0060.0.0020	20	0.6	14	106.7	242	1200
3.121.1.5.1.0060.0.0025	25	0.6	15.4	133.3	298	1200
3.121.1.5.1.0060.0.0030	30	0.6	17.5	160	367	1200
3.121.1.5.1.0060.0.0040	40	0.6	19	213.3	450	1200
3.121.1.5.1.0060.0.0050	50	0.6	20.6	266.6	541	1000
3.121.1.5.1.0060.0.0060	60	0.6	22.1	319.9	630	1000
3.121.1.5.1.0060.0.0070	70	0.6	22.9	373.2	703	1000
3.121.1.5.1.0060.0.0080	80	0.6	24.3	426.6	796	1000
3.121.1.5.1.0060.0.0100	100	0.6	27.6	543.6	1013	1000
3.121.1.5.1.0060.0.0150	150	0.6	34.2	815.4	1535	500
3.121.1.5.1.0060.0.0200	200	0.6	37.8	1087.1	1942	500
3.121.1.5.1.0060.0.0250	250	0.6	42	1358.9	2409	400
3.121.1.5.1.0060.0.0300	300	0.6	45.3	1630.7	2841	400
3.121.1.5.1.0060.0.0350	350	0.6	47.4	1902.4	3210	400
3.121.1.5.1.0060.0.0400	400	0.6	50.7	2174.2	3664	300
3.121.1.5.1.0060.0.0500	500	0.6	57.2	2717.7	4611	300
3.121.1.5.1.0060.0.0600	600	0.6	62.7	3261.3	5533	300
3.121.1.5.1.0060.0.0700	700	0.6	65.5	3804.8	6242	250
3.121.1.5.1.0060.0.0800	800	0.6	70.2	4348.3	7143	250
3.121.1.5.1.0060.0.0900	900	0.6	75.8	4891.9	8178	250
3.121.1.5.1.0060.0.1000	1000	0.6	79.6	5435.4	9042	250
3.121.1.5.1.0060.0.1200	1200	0.6	86	6522.5	10714	200

KPDF-AP (Pair)

Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.121.1.5.1.0063.0.0002	2	0.63	7.8	11.8	65	1000/2000
3.121.1.5.1.0063.0.0004	4	0.63	9.3	23.6	93	1000/2000
3.121.1.5.1.0063.0.0005	5	0.63	9.5	29.4	101	1000/2000
3.121.1.5.1.0063.0.0006	6	0.63	10.8	35.3	125	1200
3.121.1.5.1.0063.0.0010	10	0.63	11.4	58.8	154	1200
3.121.1.5.1.0063.0.0020	20	0.63	14.7	117.6	264	1200
3.121.1.5.1.0063.0.0025	25	0.63	16.3	147	327	1200
3.121.1.5.1.0063.0.0030	30	0.63	18.5	176.4	405	1200
3.121.1.5.1.0063.0.0040	40	0.63	20.1	235.2	500	1000
3.121.1.5.1.0063.0.0050	50	0.63	22.1	293.9	608	1000
3.121.1.5.1.0063.0.0070	70	0.63	24.4	411.5	779	1000
3.121.1.5.1.0063.0.0080	80	0.63	25.9	470.3	883	1000
3.121.1.5.1.0063.0.0100	100	0.63	29.4	599.3	1128	1000
3.121.1.5.1.0063.0.0150	150	0.63	36.8	898.9	1722	500
3.121.1.5.1.0063.0.0200	200	0.63	40.6	1198.5	2176	400
3.121.1.5.1.0063.0.0250	250	0.63	45.2	1498.2	2706	400
3.121.1.5.1.0063.0.0300	300	0.63	48.7	1797.8	3192	400
3.121.1.5.1.0063.0.0350	350	0.63	50.8	2097.4	3589	300
3.121.1.5.1.0063.0.0400	400	0.63	54.4	2397	4099	300
3.121.1.5.1.0063.0.0500	500	0.63	62.2	2996.3	5245	300
3.121.1.5.1.0063.0.0600	600	0.63	67.3	3595.5	6205	250
3.121.1.5.1.0063.0.0700	700	0.63	70.3	4194.8	6998	250
3.121.1.5.1.0063.0.0800	800	0.63	75.4	4794	8016	250
3.121.1.5.1.0063.0.0900	900	0.63	81.5	5393.3	9187	200
3.121.1.5.1.0063.0.1000	1000	0.63	86.4	5992.5	10261	200
3.121.1.5.1.0063.0.1200	1200	0.63	92.5	7191	12022	200
Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.121.1.5.1.0065.0.0002	2	0.65	8	12.6	66	1000/2000
3.121.1.5.1.0065.0.0004	4	0.65	9.5	25.1	98	1000/2000
3.121.1.5.1.0065.0.0005	5	0.65	9.7	31.3	105	1000/2000
3.121.1.5.1.0065.0.0006	6	0.65	11	37.6	130	1200
3.121.1.5.1.0065.0.0010	10	0.65	11.7	62.6	162	1200
3.121.1.5.1.0065.0.0020	20	0.65	15.1	125.2	277	1200
3.121.1.5.1.0065.0.0025	25	0.65	16.8	156.5	347	1200
3.121.1.5.1.0065.0.0030	30	0.65	19	187.8	427	1200
3.121.1.5.1.0065.0.0040	40	0.65	20.7	250.3	527	1000
3.121.1.5.1.0065.0.0050	50	0.65	22.8	312.9	642	1000
3.121.1.5.1.0065.0.0070	70	0.65	25.1	438	827	1000
3.121.1.5.1.0065.0.0080	80	0.65	26.7	500.6	938	1000
3.121.1.5.1.0065.0.0100	100	0.65	30.3	637.9	1197	500
3.121.1.5.1.0065.0.0150	150	0.65	37.7	956.9	1819	500
3.121.1.5.1.0065.0.0200	200	0.65	41.8	1275.8	2302	400
3.121.1.5.1.0065.0.0250	250	0.65	46.4	1594.8	2865	400
3.121.1.5.1.0065.0.0300	300	0.65	50.1	1913.7	3379	300
3.121.1.5.1.0065.0.0350	350	0.65	52.5	2232.7	3819	300

KPDF-AP (Pair)

Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.121.1.5.1.0065.0.0400	400	0.65	56.2	2551.6	4364	300
3.121.1.5.1.0065.0.0500	500	0.65	64.3	3189.5	5585	300
3.121.1.5.1.0065.0.0600	600	0.65	69.6	3827.4	6610	250
3.121.1.5.1.0065.0.0700	700	0.65	72.8	4465.3	7455	250
3.121.1.5.1.0065.0.0800	800	0.65	78.1	5103.2	8544	250
3.121.1.5.1.0065.0.0900	900	0.65	84.4	5741.1	9796	200
3.121.1.5.1.0065.0.1000	1000	0.65	88.6	6379	10835	200
3.121.1.5.1.0065.0.1200	1200	0.65	95	7654.8	12706	200
Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.121.1.5.1.0080.0.0002	2	0.8	8.5	19	80	1000/2000
3.121.1.5.1.0080.0.0004	4	0.8	10.3	38	122	1200
3.121.1.5.1.0080.0.0005	5	0.8	10.6	47.4	132	1200
3.121.1.5.1.0080.0.0006	6	0.8	12.2	56.9	166	1200
3.121.1.5.1.0080.0.0010	10	0.8	12.9	94.8	210	1200
3.121.1.5.1.0080.0.0020	20	0.8	16.9	189.6	373	1200
3.121.1.5.1.0080.0.0025	25	0.8	18.9	237	473	1200
3.121.1.5.1.0080.0.0030	30	0.8	21.6	284.4	584	1000
3.121.1.5.1.0080.0.0040	40	0.8	23.6	379.2	725	1000
3.121.1.5.1.0080.0.0050	50	0.8	26	473.9	887	1000
3.121.1.5.1.0080.0.0070	70	0.8	28.8	663.5	1153	1000
3.121.1.5.1.0080.0.0080	80	0.8	30.7	758.3	1311	500
3.121.1.5.1.0080.0.0100	100	0.8	34.9	966.3	1683	500
3.121.1.5.1.0080.0.0150	150	0.8	43.8	1449.5	2579	400
3.121.1.5.1.0080.0.0200	200	0.8	48.5	1932.6	3275	400
3.121.1.5.1.0080.0.0250	250	0.8	53.8	2415.8	4067	300
3.121.1.5.1.0080.0.0300	300	0.8	58.2	2898.9	4809	300
3.121.1.5.1.0080.0.0350	350	0.8	61	3382	5446	300
3.121.1.5.1.0080.0.0400	400	0.8	65.3	3865.2	6235	250
3.121.1.5.1.0080.0.0500	500	0.8	74.9	4831.5	7981	250
3.121.1.5.1.0080.0.0600	600	0.8	81.1	5797.8	9468	200

KPDF-AP (Pair)

Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.121.1.5.1.0090.0.0002	2	0.9	8.9	24	88	1000/2000
3.121.1.5.1.0090.0.0004	4	0.9	10.8	48	136	1200
3.121.1.5.1.0090.0.0005	5	0.9	11.1	60	151	1200
3.121.1.5.1.0090.0.0006	6	0.9	12.9	72	190	1200
3.121.1.5.1.0090.0.0010	10	0.9	13.6	120	244	1200
3.121.1.5.1.0090.0.0020	20	0.9	18	240	441	1200
3.121.1.5.1.0090.0.0025	25	0.9	20.3	299.9	564	1000
3.121.1.5.1.0090.0.0030	30	0.9	23.3	359.9	699	1000
3.121.1.5.1.0090.0.0040	40	0.9	25.5	479.9	870	1000
3.121.1.5.1.0090.0.0050	50	0.9	27.9	599.8	1065	1000
3.121.1.5.1.0090.0.0070	70	0.9	31.4	839.7	1414	500
3.121.1.5.1.0090.0.0080	80	0.9	33.5	959.7	1608	500
3.121.1.5.1.0090.0.0100	100	0.9	38.2	1223	2070	500
3.121.1.5.1.0090.0.0150	150	0.9	47.9	1834.5	3169	400
3.121.1.5.1.0090.0.0200	200	0.9	52.9	2446	4032	300
Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.121.1.5.1.0090.0.0250	250	0.9	58.4	3057.4	4971	300
3.121.1.5.1.0090.0.0300	300	0.9	63.2	3668.9	5884	300
3.121.1.5.1.0090.0.0350	350	0.9	66.2	4280.4	6671	250
3.121.1.5.1.0090.0.0400	400	0.9	71	4891.9	7639	250
3.121.1.5.1.0090.0.0500	500	0.9	81.2	6114.8	975	200
3.121.1.5.1.0090.0.0600	600	0.9	88.1	7337.8	11579	200