

Harici Telefon Kabloları

PD-AP

A-2Y(L)2Y

RoHS REACH CE



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, diyafori 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 - Sargı : Kablo özü üzerine, uzunlamasına veya helisel olarak, higroskopik olmayan (nem içermeyen) ve dielektrik özelliği olan bir polyester bant uygulanır.
- 5 - Ekran : Her iki yüzü de kopolimer ile kaplı düz alüminyum folyo kablo özü üzerine uzunlamasına uygulanır.
- 6 - 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
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

PD-AP (Quad)

Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.161.4.1.1.0040.0.0002	2	0.4	6.2	4.8	38	1000/2000
3.161.4.1.1.0040.0.0004	4	0.4	6.3	9.5	44	1000/2000
3.161.4.1.1.0040.0.0006	6	0.4	7.3	14.3	56	1000/2000
3.161.4.1.1.0040.0.0010	10	0.4	7.9	23.7	74	1000/2000
3.161.4.1.1.0040.0.0020	20	0.4	9.5	47.4	113	1000/2000
3.161.4.1.1.0040.0.0030	30	0.4	11.8	71.1	157	1200
3.161.4.1.1.0040.0.0040	40	0.4	12.6	94.8	192	1200
3.161.4.1.1.0040.0.0050	50	0.4	13.6	118.5	228	1200
3.161.4.1.1.0040.0.0070	70	0.4	14.9	165.9	296	1200
3.161.4.1.1.0040.0.0080	80	0.4	15.8	189.6	329	1200
3.161.4.1.1.0040.0.0100	100	0.4	17.4	241.6	404	1200
3.161.4.1.1.0040.0.0150	150	0.4	21.3	362.4	580	1000
3.161.4.1.1.0040.0.0200	200	0.4	23.3	483.2	744	1000
3.161.4.1.1.0040.0.0250	250	0.4	28.1	604	942	1000
3.161.4.1.1.0040.0.0300	300	0.4	28.1	724.8	1090	1000
3.161.4.1.1.0040.0.0350	350	0.4	28.9	845.5	1245	1000
3.161.4.1.1.0040.0.0400	400	0.4	31.1	966.3	1409	500
3.161.4.1.1.0040.0.0500	500	0.4	35.2	1207.9	1739	500
3.161.4.1.1.0040.0.0600	600	0.4	38.3	1449.5	2080	500
3.161.4.1.1.0040.0.0700	700	0.4	40.2	1691	2400	400
3.161.4.1.1.0040.0.0800	800	0.4	42.8	1932.6	2728	400
3.161.4.1.1.0040.0.0900	900	0.4	46.5	2174.2	3055	400
3.161.4.1.1.0040.0.1000	1000	0.4	49.1	2415.8	3400	400
3.161.4.1.1.0040.0.1200	1200	0.4	52.6	2898.9	4038	300
3.161.4.1.1.0040.0.1500	1500	0.4	59.4	3623.6	5053	300
3.161.4.1.1.0040.0.1600	1600	0.4	69.3	3865.2	5475	250
3.161.4.1.1.0040.0.1800	1800	0.4	65.2	4348.3	6017	250
3.161.4.1.1.0040.0.2100	2100	0.4	69.3	5073	6951	250
3.161.4.1.1.0040.0.2400	2400	0.4	72	5797.8	7869	250
Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.161.4.1.1.0050.0.0002	2	0.5	6.6	7.5	44	1000/2000
3.161.4.1.1.0050.0.0004	4	0.5	6.7	14.9	53	1000/2000
3.161.4.1.1.0050.0.0006	6	0.5	7.9	22.3	68	1000/2000
3.161.4.1.1.0050.0.0010	10	0.5	8.5	37.1	92	1000/2000
3.161.4.1.1.0050.0.0020	20	0.5	10.4	74.1	149	1200
3.161.4.1.1.0050.0.0030	30	0.5	13.1	111.1	209	1200
3.161.4.1.1.0050.0.0040	40	0.5	14.1	148.1	261	1200
3.161.4.1.1.0050.0.0050	50	0.5	15.2	185.2	313	1200
3.161.4.1.1.0050.0.0070	70	0.5	16.8	259.2	411	1200
3.161.4.1.1.0050.0.0080	80	0.5	19.5	296.2	474	1200
3.161.4.1.1.0050.0.0100	100	0.5	19.8	377.5	571	1200
3.161.4.1.1.0050.0.0150	150	0.5	24.3	566.2	827	1000
3.161.4.1.1.0050.0.0200	200	0.5	26.7	755	1067	1000
3.161.4.1.1.0050.0.0250	250	0.5	29.6	943.7	1330	1000
3.161.4.1.1.0050.0.0300	300	0.5	32.2	1132.4	1574	500
3.161.4.1.1.0050.0.0350	350	0.5	35.5	1321.1	1822	500
3.161.4.1.1.0050.0.0400	400	0.5	35.8	1509.9	2047	500

PD-AP (Quad)

Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.161.4.1.1.0050.0.0500	500	0.5	40.6	1887.3	2532	400
3.161.4.1.1.0050.0.0600	600	0.5	44.2	2264.8	3029	400
3.161.4.1.1.0050.0.0700	700	0.5	46.4	2642.2	3503	400
3.161.4.1.1.0050.0.0800	800	0.5	49.5	3019.7	3990	400
3.161.4.1.1.0050.0.0900	900	0.5	53.7	3397.1	4474	300
3.161.4.1.1.0050.0.1000	1000	0.5	56.7	3774.6	4977	300
3.161.4.1.1.0050.0.1200	1200	0.5	60.8	4529.5	5922	300
3.161.4.1.1.0050.0.1500	1500	0.5	68.8	5661.9	7411	250
3.161.4.1.1.0050.0.1600	1600	0.5	70.7	6039.3	7895	250
3.161.4.1.1.0050.0.1800	1800	0.5	75.5	6794.2	8842	250
Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.161.4.1.1.0060.0.0002	2	0.6	7.3	10.7	52	1000/2000
3.161.4.1.1.0060.0.0004	4	0.6	7.5	21.4	66	1000/2000
3.161.4.1.1.0060.0.0006	6	0.6	9	32	89	1000/2000
3.161.4.1.1.0060.0.0010	10	0.6	9.7	53.4	122	1000/2000
3.161.4.1.1.0060.0.0020	20	0.6	12.1	106.7	204	1200
3.161.4.1.1.0060.0.0030	30	0.6	15.6	160	293	1200
3.161.4.1.1.0060.0.0040	40	0.6	16.9	213.3	368	1200
3.161.4.1.1.0060.0.0050	50	0.6	18.4	266.6	442	1200
3.161.4.1.1.0060.0.0070	70	0.6	20.4	373.2	587	1000
3.161.4.1.1.0060.0.0100	100	0.6	24.2	543.6	820	1000
3.161.4.1.1.0060.0.0150	150	0.6	30	815.4	1201.7	1000
3.161.4.1.1.0060.0.0200	200	0.6	33.1	1087.1	1556	500
3.161.4.1.1.0060.0.0250	250	0.6	36.8	1358.9	1943	500
3.161.4.1.1.0060.0.0300	300	0.6	40	1630.7	2302	500
3.161.4.1.1.0060.0.0350	350	0.6	41.5	1902.4	2647	400
3.161.4.1.1.0060.0.0400	400	0.6	44.7	2174.2	3006	400
3.161.4.1.1.0060.0.0500	500	0.6	50.9	2717.7	3725	300
3.161.4.1.1.0060.0.0600	600	0.6	55.5	3261.3	4456	300
3.161.4.1.1.0060.0.0700	700	0.6	58.2	3804.8	5163	300
3.161.4.1.1.0060.0.0900	900	0.6	67.7	4891.9	6599	250
3.161.4.1.1.0060.0.1000	1000	0.6	71.5	5435.4	7338	250
3.161.4.1.1.0060.0.1200	1200	0.6	76.8	6522.5	8743	250

PD-AP (Quad)

Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.161.4.1.1.0080.0.0002	2	0.8	8.5	19	70	1000/2000
3.161.4.1.1.0080.0.0004	4	0.8	8.6	38	94	1000/2000
3.161.4.1.1.0080.0.0006	6	0.8	10.7	56.9	130	1200
3.161.4.1.1.0080.0.0010	10	0.8	11.5	94.8	187	1200
3.161.4.1.1.0080.0.0020	20	0.8	14.9	189.6	329	1200
3.161.4.1.1.0080.0.0030	30	0.8	19.5	284.4	475	1200
3.161.4.1.1.0080.0.0040	40	0.8	21.4	379.2	607	1000
3.161.4.1.1.0080.0.0050	50	0.8	23.4	473.9	737	1000
3.161.4.1.1.0080.0.0070	70	0.8	26.2	663.5	992	1000
3.161.4.1.1.0080.0.0100	100	0.8	31.4	966.3	1403	500
3.161.4.1.1.0080.0.0150	150	0.8	39.2	1449.5	2065	500
3.161.4.1.1.0080.0.0200	200	0.8	43.4	1932.6	2692	400
3.161.4.1.1.0080.0.0300	300	0.8	52.6	2898.9	3999	300
3.161.4.1.1.0080.0.0400	400	0.8	59.1	3865.2	5249	300
3.161.4.1.1.0080.0.0500	500	0.8	67.5	4831.5	6517	250
3.161.4.1.1.0080.0.0600	600	0.8	73.6	5797.8	7807	250
Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.161.4.1.1.0090.0.0002	2	0.9	8.9	24	79	1000/2000
3.161.4.1.1.0090.0.0004	4	0.9	9.1	48	109	1000/2000
3.161.4.1.1.0090.0.0006	6	0.9	11.4	72	152	1200
3.161.4.1.1.0090.0.0010	10	0.9	12.2	120	220	1200
3.161.4.1.1.0090.0.0020	20	0.9	15.9	240	392	1200
3.161.4.1.1.0090.0.0030	30	0.9	21	359.9	573	1000
3.161.4.1.1.0090.0.0040	40	0.9	23	479.9	735	1000
3.161.4.1.1.0090.0.0050	50	0.9	25.3	599.8	896	1000
3.161.4.1.1.0090.0.0070	70	0.9	28.3	839.7	1210	1000
3.161.4.1.1.0090.0.0100	100	0.9	34.1	1223	1719	500
3.161.4.1.1.0090.0.0150	150	0.9	42.7	1834.5	2536	400
3.161.4.1.1.0090.0.0200	200	0.9	47.3	2446	3317	400
3.161.4.1.1.0090.0.0300	300	0.9	57.4	3668.9	4930	300
3.161.4.1.1.0090.0.0400	400	0.9	64.4	4891.9	6481	300
3.161.4.1.1.0090.0.0500	500	0.9	73.7	6114.8	8056	250
3.161.4.1.1.0090.0.0600	600	0.9	80.4	7337.8	9650	200

PD-AP (Pair)

Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.163.1.1.1.0040.0.0002	2	0.4	6	4.8	37	1000/2000
3.163.1.1.1.0040.0.0004	4	0.4	7	9.5	49	1000/2000
3.163.1.1.1.0040.0.0006	6	0.4	7.9	14.3	61	1000/2000
3.163.1.1.1.0040.0.0010	10	0.4	8.6	23.7	79	1000/2000
3.163.1.1.1.0040.0.0020	20	0.4	10.5	47.4	125	1200
3.163.1.1.1.0040.0.0030	30	0.4	12.9	71.1	172	1200
3.163.1.1.1.0040.0.0040	40	0.4	13.9	94.8	211	1200
3.163.1.1.1.0040.0.0050	50	0.4	15.1	118.5	251	1200
3.163.1.1.1.0040.0.0070	70	0.4	16.6	165.9	322	1200
3.163.1.1.1.0040.0.0100	100	0.4	19.5	241.6	445	1200
3.163.1.1.1.0040.0.0150	150	0.4	24	362.4	637	1000
3.163.1.1.1.0040.0.0200	200	0.4	26.5	483.2	819	1000
Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.163.1.1.1.0050.0.0002	2	0.5	6.5	7.5	43	1000/2000
3.163.1.1.1.0050.0.0004	4	0.5	7.6	14.9	59	1000/2000
3.163.1.1.1.0050.0.0006	6	0.5	8.7	22.3	76	1000/2000
3.163.1.1.1.0050.0.0010	10	0.5	9.5	37.1	103	1000/2000
3.163.1.1.1.0050.0.0020	20	0.5	11.8	74.1	167	1200
3.163.1.1.1.0050.0.0030	30	0.5	14.8	111.1	234	1200
3.163.1.1.1.0050.0.0040	40	0.5	16	148.1	291	1200
3.163.1.1.1.0050.0.0050	50	0.5	17.4	185.2	348	1200
3.163.1.1.1.0050.0.0070	70	0.5	15.2	259.2	431	1200
3.163.1.1.1.0050.0.0100	100	0.5	22.8	377.5	633	1000
3.163.1.1.1.0050.0.0150	150	0.5	28.2	566.2	923	1000
3.163.1.1.1.0050.0.0200	200	0.5	31.3	755	1194	500
Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.163.1.1.1.0060.0.0002	2	0.6	7.4	10.7	54	1000/2000
3.163.1.1.1.0060.0.0004	4	0.6	8.9	21.4	80	1000/2000
3.163.1.1.1.0060.0.0006	6	0.6	10.6	32	104	1200
3.163.1.1.1.0060.0.0010	10	0.6	11.4	53.4	145	1200
3.163.1.1.1.0060.0.0020	20	0.6	14.7	106.7	244	1200
3.163.1.1.1.0060.0.0030	30	0.6	18.8	160	350	1200
3.163.1.1.1.0060.0.0040	40	0.6	20.6	213.3	438	1000
3.163.1.1.1.0060.0.0050	50	0.6	22.5	266.6	528	1000
3.163.1.1.1.0060.0.0070	70	0.6	25.1	373.2	701	1000
3.163.1.1.1.0060.0.0080	80	0.6	26.9	426.6	804	1000
3.163.1.1.1.0060.0.0100	100	0.6	30.5	543.6	999	500
3.163.1.1.1.0060.0.0150	150	0.6	38.2	815.4	1465	500
3.163.1.1.1.0060.0.0200	200	0.6	42.2	1087.1	1892	400

PD-AP (Pair)

Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.163.1.1.1.0063.0.0002	2	0.63	7.6	11.8	58	1000/2000
3.163.1.1.1.0063.0.0004	4	0.63	9.3	23.6	85	1000/2000
3.163.1.1.1.0063.0.0006	6	0.63	11	35.3	113	1200
3.163.1.1.1.0063.0.0010	10	0.63	11.9	58.8	158	1200
3.163.1.1.1.0063.0.0020	20	0.63	15.4	117.6	269	1200
3.163.1.1.1.0063.0.0030	30	0.63	19.9	176.4	386	1200
3.163.1.1.1.0063.0.0040	40	0.63	21.7	235.2	484	1000
3.163.1.1.1.0063.0.0050	50	0.63	23.8	293.9	584	1000
3.163.1.1.1.0063.0.0070	70	0.63	26.6	411.5	777	1000
3.163.1.1.1.0063.0.0100	100	0.63	32.4	599.3	1107	500
3.163.1.1.1.0063.0.0150	150	0.63	40.5	898.9	1628	400
3.163.1.1.1.0063.0.0200	200	0.63	45	1198.5	2113	400
Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.163.1.1.1.0065.0.0002	2	0.65	7.8	12.6	61	1000/2000
3.163.1.1.1.0065.0.0004	4	0.65	9.6	25.1	90	1000/2000
3.163.1.1.1.0065.0.0006	6	0.65	11.5	37.6	121	1200
3.163.1.1.1.0065.0.0010	10	0.65	12.4	62.6	169	1200
3.163.1.1.1.0065.0.0020	20	0.65	16.2	125.2	289	1200
3.163.1.1.1.0065.0.0030	30	0.65	20.9	187.8	415	1000
3.163.1.1.1.0065.0.0040	40	0.65	22.9	250.3	522	1000
3.163.1.1.1.0065.0.0050	50	0.65	25.1	312.9	634	1000
3.163.1.1.1.0065.0.0070	70	0.65	28.9	438	848	1000
3.163.1.1.1.0065.0.0100	100	0.65	35.2	637.9	1208	500
3.163.1.1.1.0065.0.0150	150	0.65	42.9	956.9	1770	400
3.163.1.1.1.0065.0.0200	200	0.65	47.6	1275.8	2302	400

PD-AP (Pair)

Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.163.1.1.1.0080.0.0002	2	0.8	8.3	19	72	1000/2000
3.163.1.1.1.0080.0.0004	4	0.8	10.3	38	110	1200
3.163.1.1.1.0080.0.0006	6	0.8	12.4	56.9	150	1200
3.163.1.1.1.0080.0.0010	10	0.8	13.4	94.8	213	1200
3.163.1.1.1.0080.0.0020	20	0.8	17.6	189.6	376	1200
3.163.1.1.1.0080.0.0030	30	0.8	22.9	284.4	544	1000
3.163.1.1.1.0080.0.0040	40	0.8	25.1	379.2	694	1000
3.163.1.1.1.0080.0.0050	50	0.8	27.6	473.9	842	1000
3.163.1.1.1.0080.0.0070	70	0.8	31	663.5	1131	500
3.163.1.1.1.0080.0.0100	100	0.8	37.8	966.3	1622	500
3.163.1.1.1.0080.0.0150	150	0.8	47.6	1449.5	2396	400
Part Numarası	Per Sayısı	İletken Çapı (mm)	Ortalama Dış Çap (mm)	Bakır Ağırlığı (kg/km)	Ortalama Ağırlık (kg/km)	Makara Boyu (m)
3.163.1.1.1.0090.0.0002	2	0.9	8.5	24	78	1000/2000
3.163.1.1.1.0090.0.0004	4	0.9	10.6	48	123	1200
3.163.1.1.1.0090.0.0006	6	0.9	12.9	72	168	1200
3.163.1.1.1.0090.0.0010	10	0.9	13.9	120	244	1200
3.163.1.1.1.0090.0.0020	20	0.9	18.3	240	435	1200
3.163.1.1.1.0090.0.0030	30	0.9	23.9	359.9	634	1000
3.163.1.1.1.0090.0.0040	40	0.9	26.3	479.9	813	1000
3.163.1.1.1.0090.0.0050	50	0.9	29.3	599.8	1006	1000
3.163.1.1.1.0090.0.0070	70	0.9	32.7	839.7	1344	500
3.163.1.1.1.0090.0.0100	100	0.9	40.3	1223	1954	400