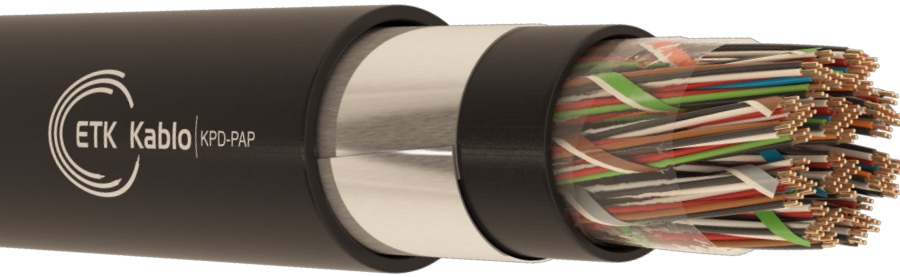


Outdoor Telephone Cables

KPD-PAP - PD-PAP

A-02YS2Y(L)2Y - A-2Y2Y(L)2Y



Application

- Direct burial.
- Telephone exchanges and subscriber distributions.
- Cables having 0.4 and 0.5 mm conductor diameter are used for distribution network.
- Cables having 0.6, 0.63, 0.65, 0.8 and 0.9 mm conductor diameter are used for long distance network.

Cable Construction

- 1 - Conductor : Electrolytic annealed solid copper (CCITT Yellow Book Vol. III-2-G.541 B article, IEC 28 and ASTM B 3).
- 2 - Insulation : Color coded foam skin polyethylene clad with solid polyethylene or solid polyethylene insulation (BS 6234 Type 03 - ASTM D 1248).
- 3 - Stranding : Star quads or pairs, each having special lay length to minimize the crosstalk and capacitance unbalance, are assembled into 10 pairs units. Groups having 25, 50 or 100 pairs are stranded together into cable core.
- 4 - Wrapping : A non-hygroscopic and dielectric polyester tape is applied on the cable core longitudinally or helically.
- 5 - Inner Jacket: Linear low-density or medium-density, UV resistant black polyethylene outer jacket (ASTM D 1248).
- 6 - Screen : Both sides are coated with copolymer coated flat aluminum tape over cable core longitudinally for screening.
- 7 - Outer Jacket: Linear low-density or medium-density, UV resistant black polyethylene outer jacket (ASTM D 1248).

Notes

Reference Standard: TS EN 60708

Technical Characteristics

	Conductor Diameter						
	0.40 mm	0.50 mm	0.60 mm	0.63 mm	0.65 mm	0.80 mm	0.90 mm
Conductor Resistance Ω/km (20 °C)							
Maximum Average	139,4	89,4	62,1	58	57	35	27,6
Maximum Individual	146,6	93	64,6	60	58	37	28,8
Insulation Resistance $M\Omega$/km (500 V DC)	>10000	>10000	>15000	>15000	>15000	>15000	>15000
Mutual Capacitance nF/km (800 Hz)							
Maximum Average	50	50	45	45	45	45	45
Maximum Individual	56	56	51	51	51	51	51
Capacitance Unbalance pF/500 m							
Between Pairs							
Maximum Average	125	125	60	60	60	60	60
Maximum Individual	350	350	325	325	325	325	325
Between Adjacent Quads							
Maximum Average	125	125	60	60	60	60	60
Maximum Individual	275	275	270	270	270	270	270
To Screen							
Maximum Average	500	500	325	325	325	325	325
Maximum Individual	2000	2000	1300	1300	1300	1300	1300
Dielectric Strength							
V (DC, 1 minute)							
Pair - Pair	1400	1400	2000	2000	2000	2400	3000
Pair - Screen	1400	1400	2000	2000	2000	2400	3000
V (DC, 3 second)							
Pair - Screen	9000	9000	9000	9000	9000	9000	9000

KPD-PAP (Quad)

Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.110.4.5.1.0040.0.0002	2	0.4	7.8	4.8	56	1000/2000
3.110.4.5.1.0040.0.0004	4	0.4	8.2	9.5	64	1000/2000
3.110.4.5.1.0040.0.0006	6	0.4	9.1	14.3	78	1000/2000
3.110.4.5.1.0040.0.0010	10	0.4	9.3	23.7	90	1000/2000
3.110.4.5.1.0040.0.0020	20	0.4	10.8	47.4	131	1200
3.110.4.5.1.0040.0.0030	30	0.4	13	71.1	177	1200
3.110.4.5.1.0040.0.0040	40	0.4	13.8	94.8	212	1200
3.110.4.5.1.0040.0.0050	50	0.4	14.7	118.5	248	1200
3.110.4.5.1.0040.0.0070	70	0.4	16	165.9	313	1200
3.110.4.5.1.0040.0.0080	80	0.4	16.7	189.6	347	1200
3.110.4.5.1.0040.0.0100	100	0.4	18.3	241.6	421	1200
3.110.4.5.1.0040.0.0150	150	0.4	22	362.4	596	1000
3.110.4.5.1.0040.0.0200	200	0.4	23.9	483.2	754	1000
3.110.4.5.1.0040.0.0250	250	0.4	26.2	604	921	1000
3.110.4.5.1.0040.0.0300	300	0.4	28.4	724.8	1092	1000
3.110.4.5.1.0040.0.0350	350	0.4	29.5	845.5	1242	1000
3.110.4.5.1.0040.0.0400	400	0.4	31.5	966.3	1407	500
3.110.4.5.1.0040.0.0500	500	0.4	35.7	1207.9	1744	500
3.110.4.5.1.0040.0.0600	600	0.4	38.5	1449.5	2062	500
3.110.4.5.1.0040.0.0700	700	0.4	40.1	1691	2356	400
3.110.4.5.1.0040.0.0800	800	0.4	43.3	1932.6	2700	400
3.110.4.5.1.0040.0.0900	900	0.4	46.4	2174.2	3015	400
3.110.4.5.1.0040.0.1000	1000	0.4	49.1	2415.8	3358	400
3.110.4.5.1.0040.0.1200	1200	0.4	52.2	2898.9	3951	300
3.110.4.5.1.0040.0.1500	1500	0.4	58.6	3623.6	4907	300
3.110.4.5.1.0040.0.1600	1600	0.4	60.1	3865.2	5206	300
3.110.4.5.1.0040.0.1800	1800	0.4	64.4	4348.3	5864	300
3.110.4.5.1.0040.0.2100	2100	0.4	68.5	5073	6757	250
3.110.4.5.1.0040.0.2400	2400	0.4	71.2	5797.8	7622	250
Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.110.4.5.1.0050.0.0002	2	0.5	8.1	7.5	61	1000/2000
3.110.4.5.1.0050.0.0004	4	0.5	8.6	14.9	73	1000/2000
3.110.4.5.1.0050.0.0006	6	0.5	9.7	22.3	92	1000/2000
3.110.4.5.1.0050.0.0010	10	0.5	9.7	37.1	109	1000/2000
3.110.4.5.1.0050.0.0020	20	0.5	11.7	74.1	166	1200
3.110.4.5.1.0050.0.0030	30	0.5	14.2	111.1	233	1200
3.110.4.5.1.0050.0.0040	40	0.5	15.1	148.1	280	1200
3.110.4.5.1.0050.0.0050	50	0.5	16.4	185.2	335	1200
3.110.4.5.1.0050.0.0070	70	0.5	17.9	259.2	433	1200
3.110.4.5.1.0050.0.0080	80	0.5	18.8	296.2	481	1200
3.110.4.5.1.0050.0.0100	100	0.5	20.7	377.5	588	1000
3.110.4.5.1.0050.0.0150	150	0.5	24.9	566.2	843	1000
3.110.4.5.1.0050.0.0200	200	0.5	27.4	755	1083	1000
3.110.4.5.1.0050.0.0250	250	0.5	30	943.7	1326	1000
3.110.4.5.1.0050.0.0300	300	0.5	32.4	1132.4	1566	500
3.110.4.5.1.0050.0.0350	350	0.5	33.7	1321.1	1789	500
3.110.4.5.1.0050.0.0400	400	0.5	36.2	1509.9	2043	500
3.110.4.5.1.0050.0.0500	500	0.5	41.3	1887.3	2546	400
3.110.4.5.1.0050.0.0600	600	0.5	44.5	2264.8	3015	400
3.110.4.5.1.0050.0.0700	700	0.5	46.4	2642.2	3459	400

KPD-PAP (Quad)

3.110.4.5.1.0050.0.0800	800	0.5	50.1	3019.7	3958	300
3.110.4.5.1.0050.0.0900	900	0.5	53.7	3397.1	4424	300
3.110.4.5.1.0050.0.1000	1000	0.5	56.8	3774.6	4926	300
3.110.4.5.1.0050.0.1200	1200	0.5	61.1	4529.5	5866	300
3.110.4.5.1.0050.0.1500	1500	0.5	68.2	5661.9	7262	250
3.110.4.5.1.0050.0.1600	1600	0.5	70.3	6039.3	7731	250
3.110.4.5.1.0050.0.1800	1800	0.5	74.9	6794.2	8678	250
Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.110.4.5.1.0060.0.0002	2	0.6	8.8	10.7	71	1000/2000
3.110.4.5.1.0060.0.0004	4	0.6	9.4	21.4	90	1000/2000
3.110.4.5.1.0060.0.0006	6	0.6	10.9	32	114	1200
3.110.4.5.1.0060.0.0010	10	0.6	11.2	53.4	142	1200
3.110.4.5.1.0060.0.0020	20	0.6	13.6	106.7	225	1200
3.110.4.5.1.0060.0.0030	30	0.6	17	160	316	1200
3.110.4.5.1.0060.0.0040	40	0.6	18.3	213.3	390	1200
3.110.4.5.1.0060.0.0050	50	0.6	19.7	266.6	464	1200
3.110.4.5.1.0060.0.0070	70	0.6	21.9	373.2	610	1000
3.110.4.5.1.0060.0.0080	80	0.6	23.2	426.6	684	1000
3.110.4.5.1.0060.0.0100	100	0.6	25.9	543.6	851	1000
3.110.4.5.1.0060.0.0150	150	0.6	32	815.4	1241	500
3.110.4.5.1.0060.0.0200	200	0.6	35.4	1087.1	1605	500
3.110.4.5.1.0060.0.0250	250	0.6	38.9	1358.9	1968	500
3.110.4.5.1.0060.0.0300	300	0.6	42.2	1630.7	2337	400
3.110.4.5.1.0060.0.0350	350	0.6	44.1	1902.4	2683	400
3.110.4.5.1.0060.0.0400	400	0.6	47	2174.2	3031	400
3.110.4.5.1.0060.0.0500	500	0.6	53.7	2717.7	3788	300
3.110.4.5.1.0060.0.0600	600	0.6	58.4	3261.3	4520	300
3.110.4.5.1.0060.0.0700	700	0.6	61.5	3804.8	5233	300
3.110.4.5.1.0060.0.0800	800	0.6	65.6	4348.3	5922	250
3.110.4.5.1.0060.0.0900	900	0.6	69.6	4891.9	6519	250
Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.110.4.5.1.0080.0.0002	2	0.8	9.7	19	89	1000/2000
3.110.4.5.1.0080.0.0004	4	0.8	10.5	38	118	1200
3.110.4.5.1.0080.0.0006	6	0.8	12.5	56.9	157	1200
3.110.4.5.1.0080.0.0010	10	0.8	12.9	94.8	204	1200
3.110.4.5.1.0080.0.0020	20	0.8	16.1	189.6	342	1200
3.110.4.5.1.0080.0.0030	30	0.8	20.8	284.4	499	1000
3.110.4.5.1.0080.0.0040	40	0.8	22.6	379.2	624	1000
3.110.4.5.1.0080.0.0050	50	0.8	24.8	473.9	757	1000
3.110.4.5.1.0080.0.0070	70	0.8	27.4	663.5	1000	1000
3.110.4.5.1.0080.0.0080	80	0.8	29.5	758.3	1145	1000
3.110.4.5.1.0080.0.0100	100	0.8	33.1	966.3	1427	500
3.110.4.5.1.0080.0.0150	150	0.8	41.5	1449.5	2116	400
3.110.4.5.1.0080.0.0200	200	0.8	45.7	1932.6	2728	400
3.110.4.5.1.0080.0.0250	250	0.8	50.8	2415.8	3380	300
3.110.4.5.1.0080.0.0300	300	0.8	55.3	2898.9	4033	300
3.110.4.5.1.0080.0.0350	350	0.8	57.6	3382	4616	300
3.110.4.5.1.0080.0.0400	400	0.8	62.1	3865.2	5279	300
3.110.4.5.1.0080.0.0500	500	0.8	70.8	4831.5	6568	250
3.110.4.5.1.0080.0.0600	600	0.8	76.9	5797.8	7830	250

KPD-PAP (Quad)

Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.110.4.5.1.0090.0.0002	2	0.9	9.9	24	96	1000/2000
3.110.4.5.1.0090.0.0004	4	0.9	10.8	48	130	1200
3.110.4.5.1.0090.0.0006	6	0.9	12.9	72	177	1200
3.110.4.5.1.0090.0.0010	10	0.9	13.4	120	235	1200
3.110.4.5.1.0090.0.0020	20	0.9	16.8	240	400	1200
3.110.4.5.1.0090.0.0030	30	0.9	21.8	359.9	584	1000
3.110.4.5.1.0090.0.0040	40	0.9	23.7	479.9	735	1000
3.110.4.5.1.0090.0.0050	50	0.9	26	599.8	899	1000
3.110.4.5.1.0090.0.0070	70	0.9	29.3	839.7	1210	1000
3.110.4.5.1.0090.0.0080	80	0.9	31.3	959.7	1377	500
3.110.4.5.1.0090.0.0100	100	0.9	35.5	1223	1739	500
3.110.4.5.1.0090.0.0150	150	0.9	43.8	1834.5	2537	400
3.110.4.5.1.0090.0.0200	200	0.9	48.9	2446	3330	400
3.110.4.5.1.0090.0.0250	250	0.9	53.7	3057.4	4077	300
3.110.4.5.1.0090.0.0300	300	0.9	58.4	3668.9	4864	300
3.110.4.5.1.0090.0.0350	350	0.9	61.5	4280.4	5638	300
3.110.4.5.1.0090.0.0400	400	0.9	65.7	4891.9	6385	250
3.110.4.5.1.0090.0.0500	500	0.9	75.5	6114.8	8018	250
3.110.4.5.1.0090.0.0600	600	0.9	82.1	7337.8	9555	200

KPD-PAP (Pair)

Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.111.1.5.1.0040.0.0002	2	0.4	7.8	4.8	55	1000/2000
3.111.1.5.1.0040.0.0004	4	0.4	8.6	9.5	69	1000/2000
3.111.1.5.1.0040.0.0005	5	0.4	8.7	11.9	73	1000/2000
3.111.1.5.1.0040.0.0006	6	0.4	9.5	14.3	80	1000/2000
3.111.1.5.1.0040.0.0010	10	0.4	9.5	23.7	92	1000/2000
3.111.1.5.1.0040.0.0020	20	0.4	11.4	47.4	138	1200
3.111.1.5.1.0040.0.0025	25	0.4	12.7	59.3	162	1200
3.111.1.5.1.0040.0.0030	30	0.4	13.5	71.1	185	1200
3.111.1.5.1.0040.0.0040	40	0.4	14.4	94.8	218	1200
3.111.1.5.1.0040.0.0050	50	0.4	15.4	118.5	256	1200
3.111.1.5.1.0040.0.0070	70	0.4	16.8	165.9	324	1200
3.111.1.5.1.0040.0.0080	80	0.4	17.6	189.6	358	1200
3.111.1.5.1.0040.0.0100	100	0.4	19.3	241.6	434	1200
3.111.1.5.1.0040.0.0150	150	0.4	23.3	362.4	617	1000
3.111.1.5.1.0040.0.0200	200	0.4	25.5	483.2	783	1000
3.111.1.5.1.0040.0.0250	250	0.4	28.2	604	964	1000
3.111.1.5.1.0040.0.0300	300	0.4	30.1	724.8	1126	500
3.111.1.5.1.0040.0.0350	350	0.4	31.5	845.5	1289	500
3.111.1.5.1.0040.0.0400	400	0.4	33.5	966.3	1450	500
3.111.1.5.1.0040.0.0500	500	0.4	38	1207.9	1798	500
3.111.1.5.1.0040.0.0600	600	0.4	41	1449.5	2124	400
3.111.1.5.1.0040.0.0700	700	0.4	43.1	1691	2449	400
3.111.1.5.1.0040.0.0800	800	0.4	46.1	1932.6	2780	400
3.111.1.5.1.0040.0.0900	900	0.4	50.1	2174.2	3145	300
3.111.1.5.1.0040.0.1000	1000	0.4	52.4	2415.8	3458	300
3.111.1.5.1.0040.0.1200	1200	0.4	56.3	2898.9	4115	300
3.111.1.5.1.0040.0.1500	1500	0.4	63.1	3623.6	5103	300

KPD-PAP (Pair)

3.111.1.5.1.0040.0.1600	1600	0.4	64.8	3865.2	5410	300
3.111.1.5.1.0040.0.1800	1800	0.4	69.4	4348.3	6094	250
3.111.1.5.1.0040.0.2100	2100	0.4	73.9	5073	7010	250
3.111.1.5.1.0040.0.2400	2400	0.4	76.7	5797.8	7901	250
Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.111.1.5.1.0050.0.0002	2	0.5	8.1	7.5	60	1000/2000
3.111.1.5.1.0050.0.0004	4	0.5	9.1	14.9	78	1000/2000
3.111.1.5.1.0050.0.0005	5	0.5	9.2	18.6	83	1000/2000
3.111.1.5.1.0050.0.0006	6	0.5	10.1	22.3	95	1200
3.111.1.5.1.0050.0.0010	10	0.5	10.1	37.1	113	1200
3.111.1.5.1.0050.0.0020	20	0.5	12.3	74.1	174	1200
3.111.1.5.1.0050.0.0025	25	0.5	14.2	92.6	216	1200
3.111.1.5.1.0050.0.0030	30	0.5	14.8	111.1	240	1200
3.111.1.5.1.0050.0.0040	40	0.5	15.9	148.1	290	1200
3.111.1.5.1.0050.0.0050	50	0.5	17	185.2	342	1200
3.111.1.5.1.0050.0.0070	70	0.5	18.7	259.2	441	1200
3.111.1.5.1.0050.0.0080	80	0.5	19.7	296.2	493	1200
3.111.1.5.1.0050.0.0100	100	0.5	21.9	377.5	609	1000
3.111.1.5.1.0050.0.0150	150	0.5	26.5	566.2	872	1000
3.111.1.5.1.0050.0.0200	200	0.5	29.3	755	1123	1000
3.111.1.5.1.0050.0.0250	250	0.5	32	943.7	1368	500
3.111.1.5.1.0050.0.0300	300	0.5	34.9	1132.4	1634	500
3.111.1.5.1.0050.0.0350	350	0.5	36.3	1321.1	1864	500
3.111.1.5.1.0050.0.0400	400	0.5	38.8	1509.9	2116	500
3.111.1.5.1.0050.0.0500	500	0.5	44.1	1887.3	2627	400
3.111.1.5.1.0050.0.0600	600	0.5	47.6	2264.8	3108	400
3.111.1.5.1.0050.0.0700	700	0.5	50.2	2642.2	3603	300
3.111.1.5.1.0050.0.0800	800	0.5	53.5	3019.7	4074	300
3.111.1.5.1.0050.0.0900	900	0.5	58.1	3397.1	4605	300
3.111.1.5.1.0050.0.1000	1000	0.5	61.4	3774.6	5125	300
3.111.1.5.1.0050.0.1200	1200	0.5	65.4	4529.5	6038	250
3.111.1.5.1.0050.0.1500	1500	0.5	73.3	5661.9	7495	250
3.111.1.5.1.0050.0.1600	1600	0.5	75.9	6039.3	8019	250
3.111.1.5.1.0050.0.1800	1800	0.5	80.5	6794.2	8953	200
Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.111.1.5.1.0060.0.0002	2	0.6	8.8	10.7	71	1000/2000
3.111.1.5.1.0060.0.0004	4	0.6	10.1	21.4	95	1200
3.111.1.5.1.0060.0.0005	5	0.6	10.3	26.7	104	1200
3.111.1.5.1.0060.0.0006	6	0.6	11.4	32	119	1200
3.111.1.5.1.0060.0.0010	10	0.6	11.6	53.4	147	1200
3.111.1.5.1.0060.0.0020	20	0.6	14.5	106.7	238	1200
3.111.1.5.1.0060.0.0025	25	0.6	16.2	133.3	281	1200
3.111.1.5.1.0060.0.0030	30	0.6	17.9	160	330	1200
3.111.1.5.1.0060.0.0040	40	0.6	19.3	213.3	407	1200
3.111.1.5.1.0060.0.0050	50	0.6	21.1	266.6	487	1000
3.111.1.5.1.0060.0.0070	70	0.6	23.3	373.2	636	1000
3.111.1.5.1.0060.0.0080	80	0.6	24.8	426.6	719	1000
3.111.1.5.1.0060.0.0100	100	0.6	27.6	543.6	882	1000
3.111.1.5.1.0060.0.0150	150	0.6	34.1	815.4	1290	500
3.111.1.5.1.0060.0.0200	200	0.6	37.8	1087.1	1667	500
3.111.1.5.1.0060.0.0250	250	0.6	42	1358.9	2069	400
3.111.1.5.1.0060.0.0300	300	0.6	45.4	1630.7	2441	400
3.111.1.5.1.0060.0.0350	350	0.6	47.3	1902.4	2784	400
3.111.1.5.1.0060.0.0400	400	0.6	51	2174.2	3188	300

KPD-PAP (Pair)

3.111.1.5.1.0060.0.0500	500	0.6	58.2	2717.7	3969	300
3.111.1.5.1.0060.0.0600	600	0.6	63.3	3261.3	4730	300
3.111.1.5.1.0060.0.0700	700	0.6	66	3804.8	5414	250
3.111.1.5.1.0060.0.0800	800	0.6	71.1	4348.3	6183	250
3.111.1.5.1.0060.0.0900	900	0.6	77.1	4891.9	6978	250
Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.111.1.5.1.0063.0.0002	2	0.63	8.9	11.8	74	1000/2000
3.111.1.5.1.0063.0.0004	4	0.63	10.3	23.6	100	1200
3.111.1.5.1.0063.0.0005	5	0.63	10.4	29.4	107	1200
3.111.1.5.1.0063.0.0006	6	0.63	11.7	35.3	126	1200
3.111.1.5.1.0063.0.0010	10	0.63	11.8	58.8	155	1200
3.111.1.5.1.0063.0.0020	20	0.63	14.9	117.6	253	1200
3.111.1.5.1.0063.0.0025	25	0.63	16.7	147	300	1200
3.111.1.5.1.0063.0.0030	30	0.63	18.4	176.4	353	1200
3.111.1.5.1.0063.0.0040	40	0.63	19.9	235.2	436	1200
3.111.1.5.1.0063.0.0050	50	0.63	21.7	293.9	526	1000
3.111.1.5.1.0063.0.0070	70	0.63	24	411.5	685	1000
3.111.1.5.1.0063.0.0080	80	0.63	25.6	470.3	775	1000
3.111.1.5.1.0063.0.0100	100	0.63	28.9	599.3	971	1000
3.111.1.5.1.0063.0.0150	150	0.63	35.7	898.9	1418	500
3.111.1.5.1.0063.0.0200	200	0.63	39.3	1198.5	1816	500
3.111.1.5.1.0063.0.0250	250	0.63	43.5	1498.2	2241	400
3.111.1.5.1.0063.0.0300	300	0.63	47	1797.8	2646	400
3.111.1.5.1.0063.0.0350	350	0.63	48.9	2097.4	3025	400
3.111.1.5.1.0063.0.0400	400	0.63	52.8	2397	3463	300
3.111.1.5.1.0063.0.0500	500	0.63	60.3	2996.3	4313	300
3.111.1.5.1.0063.0.0600	600	0.63	65.6	3595.5	5141	250
3.111.1.5.1.0063.0.0700	700	0.63	69	4194.8	5949	250
3.111.1.5.1.0063.0.0800	800	0.63	73.7	4794	6729	250
3.111.1.5.1.0063.0.0900	900	0.63	79.9	5393.3	7593	250
Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.111.1.5.1.0065.0.0002	2	0.65	9	12.6	76	1000/2000
3.111.1.5.1.0065.0.0004	4	0.65	10.4	25.1	104	1200
3.111.1.5.1.0065.0.0005	5	0.65	10.6	31.3	114	1200
3.111.1.5.1.0065.0.0006	6	0.65	11.9	37.6	130	1200
3.111.1.5.1.0065.0.0010	10	0.65	12.1	62.6	162	1200
3.111.1.5.1.0065.0.0020	20	0.65	15.2	125.2	265	1200
3.111.1.5.1.0065.0.0025	25	0.65	17.1	156.5	315	1200
3.111.1.5.1.0065.0.0030	30	0.65	18.9	187.8	371	1200
3.111.1.5.1.0065.0.0040	40	0.65	20.5	250.3	459	1000
3.111.1.5.1.0065.0.0050	50	0.65	22.4	312.9	554	1000
3.111.1.5.1.0065.0.0070	70	0.65	24.7	438	726	1000
3.111.1.5.1.0065.0.0080	80	0.65	26.4	500.6	822	1000
3.111.1.5.1.0065.0.0100	100	0.65	29.8	637.9	1028	1000
3.111.1.5.1.0065.0.0150	150	0.65	36.9	956.9	1504	500
3.111.1.5.1.0065.0.0200	200	0.65	40.6	1275.8	1927	400
3.111.1.5.1.0065.0.0250	250	0.65	45.2	1594.8	2396	400
3.111.1.5.1.0065.0.0300	300	0.65	49.2	1913.7	2856	400
3.111.1.5.1.0065.0.0350	350	0.65	51.2	2232.7	3262	300
3.111.1.5.1.0065.0.0400	400	0.65	55.2	2551.6	3727	300
3.111.1.5.1.0065.0.0500	500	0.65	63	3189.5	4640	300
3.111.1.5.1.0065.0.0600	600	0.65	68.5	3827.4	5526	250
3.111.1.5.1.0065.0.0700	700	0.65	71.4	4465.3	6326	250
3.111.1.5.1.0065.0.0800	800	0.65	76.9	5103.2	7224	250
3.111.1.5.1.0065.0.0900	900	0.65	83.4	5741.1	8147	200

KPD-PAP (Pair)

Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.111.1.5.1.0080.0.0002	2	0.8	9.6	19	89	1000/2000
3.111.1.5.1.0080.0.0004	4	0.8	11.3	38	126	1200
3.111.1.5.1.0080.0.0005	5	0.8	11.5	47.4	140	1200
3.111.1.5.1.0080.0.0006	6	0.8	13	56.9	162	1200
3.111.1.5.1.0080.0.0010	10	0.8	13.3	94.8	211	1200
3.111.1.5.1.0080.0.0020	20	0.8	17	189.6	353	1200
3.111.1.5.1.0080.0.0025	25	0.8	19.3	237	424	1200
3.111.1.5.1.0080.0.0030	30	0.8	21.7	284.4	511	1000
3.111.1.5.1.0080.0.0040	40	0.8	23.3	379.2	631	1000
3.111.1.5.1.0080.0.0050	50	0.8	25.6	473.9	764	1000
3.111.1.5.1.0080.0.0070	70	0.8	29	663.5	1036	1000
3.111.1.5.1.0080.0.0080	80	0.8	30.8	758.3	1167	500
3.111.1.5.1.0080.0.0100	100	0.8	35	966.3	1473	500
3.111.1.5.1.0080.0.0150	150	0.8	43.3	1449.5	2156	400
3.111.1.5.1.0080.0.0200	200	0.8	48.4	1932.6	2823	400
3.111.1.5.1.0080.0.0250	250	0.8	53.1	2415.8	3445	300
3.111.1.5.1.0080.0.0300	300	0.8	57.8	2898.9	4110	300
3.111.1.5.1.0080.0.0350	350	0.8	60.3	3382	4702	300
3.111.1.5.1.0080.0.0400	400	0.8	65	3865.2	5377	300
3.111.1.5.1.0080.0.0500	500	0.8	74.8	4831.5	6759	250
3.111.1.5.1.0080.0.0600	600	0.8	80.6	5797.8	7999	200
Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.111.1.5.1.0090.0.0002	2	0.9	9.9	24	97	1000/2000
3.111.1.5.1.0090.0.0004	4	0.9	11.8	48	142	1200
3.111.1.5.1.0090.0.0005	5	0.9	12	60	156	1200
3.111.1.5.1.0090.0.0006	6	0.9	13.7	72	186	1200
3.111.1.5.1.0090.0.0010	10	0.9	14.1	120	244	1200
3.111.1.5.1.0090.0.0020	20	0.9	18.1	240	420	1200
3.111.1.5.1.0090.0.0025	25	0.9	20.6	299.9	506	1000
3.111.1.5.1.0090.0.0030	30	0.9	23.2	359.9	607	1000
3.111.1.5.1.0090.0.0040	40	0.9	25.4	479.9	769	1000
3.111.1.5.1.0090.0.0050	50	0.9	27.7	599.8	930	1000
3.111.1.5.1.0090.0.0070	70	0.9	31.4	839.7	126	500
3.111.1.5.1.0090.0.0080	80	0.9	33.4	959.7	1420	500
3.111.1.5.1.0090.0.0100	100	0.9	37.7	1223	1783	500
3.111.1.5.1.0090.0.0150	150	0.9	47.1	1834.5	2634	400
3.111.1.5.1.0090.0.0200	200	0.9	52.3	2446	3440	300
3.111.1.5.1.0090.0.0250	250	0.9	58.2	3057.4	4258	300
3.111.1.5.1.0090.0.0300	300	0.9	63.3	3668.9	5077	300
3.111.1.5.1.0090.0.0350	350	0.9	66	4280.4	5818	250
3.111.1.5.1.0090.0.0400	400	0.9	71.1	4891.9	6648	250
3.111.1.5.1.0090.0.0500	500	0.9	81.1	6114.8	8272	200
3.111.1.5.1.0090.0.0600	600	0.9	88.2	7337.8	9856	200