

## Outdoor Telephone Cables

# KPDF-PAbP - PDF-PAbP

A-02YSF(L)2Yb2Y - A-2YF2Y(L)b2Y



### Application

- Direct burial.
- In underground cable ducts.
- 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 - Filling Compound : Cable core is filled with a special jelly filling compound to avoid the water leakage into air spaces.
- 5 - Wrapping : A non-hygroscopic and dielectric polyester tape is applied on the cable core longitudinally or helically.
- 6 - Filling Compound : Secondary jelly filling is applied between wrapping and screen in order to provide waterproofness.
- 7 - Screen : Both sides are coated with copolymer coated flat aluminum tape over cable core longitudinally for screening.
- 8 - Inner Jacket : Linear low-density or medium-density, UV resistant black polyethylene outer jacket (ASTM D 1248).
- 9 - Filling Compound : Water-swellable tape or filling compound (Jelly) is applied between inner jacket and armor in order to have waterproofness.
- 10- Armor : Two helically laid galvanized steel tape is applied to increase the mechanical resistance of the cable.
- 11 - 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
<b>Conductor Resistance <math>\Omega</math>/km (20 °C)</b>							
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
<b>Insulation Resistance <math>M\Omega</math>/km (500 V DC)</b>	>10000	>10000	>15000	>15000	>15000	>15000	>15000
<b>Mutual Capacitance nF/km (800 Hz)</b>							
Maximum Average	50	50	45	45	45	45	45
Maximum Individual	56	56	51	51	51	51	51
<b>Capacitance Unbalance pF/500 m</b>							
<b>Between Pairs</b>							
Maximum Average	125	125	60	60	60	60	60
Maximum Individual	350	350	325	325	325	325	325
<b>Between Adjacent Quads</b>							
Maximum Average	125	125	60	60	60	60	60
Maximum Individual	275	275	270	270	270	270	270
<b>To Screen</b>							
Maximum Average	500	500	325	325	325	325	325
Maximum Individual	2000	2000	1300	1300	1300	1300	1300
<b>Dielectric Strength</b>							
<b>V (DC, 1 minute)</b>							
Pair - Pair	1400	1400	2000	2000	2000	2400	3000
Pair - Screen	1400	1400	2000	2000	2000	2400	3000
<b>V (DC, 3 second)</b>							
Pair - Screen	9000	9000	9000	9000	9000	9000	9000

## KPDF-PAbP (Quad)

Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.170.4.5.1.0040.0.0002	2	0.4	10.1	4.8	144	1200
3.170.4.5.1.0040.0.0004	4	0.4	10.5	9.5	157	1200
3.170.4.5.1.0040.0.0006	6	0.4	11.5	14.3	186	1200
3.170.4.5.1.0040.0.0010	10	0.4	11.7	23.7	199	1200
3.170.4.5.1.0040.0.0020	20	0.4	14.1	47.4	282	1200
3.170.4.5.1.0040.0.0030	30	0.4	16.6	71.1	407	1200
3.170.4.5.1.0040.0.0040	40	0.4	17.4	94.8	458	1200
3.170.4.5.1.0040.0.0050	50	0.4	18.4	118.5	514	1200
3.170.4.5.1.0040.0.0070	70	0.4	19.7	165.9	608	1200
3.170.4.5.1.0040.0.0080	80	0.4	20.6	189.6	664	1000
3.170.4.5.1.0040.0.0100	100	0.4	22.2	241.6	779	1000
3.170.4.5.1.0040.0.0150	150	0.4	26.3	362.4	1068	1000
3.170.4.5.1.0040.0.0200	200	0.4	28.5	483.2	1281	1000
3.170.4.5.1.0040.0.0250	250	0.4	31.1	604	1587	500
3.170.4.5.1.0040.0.0300	300	0.4	33.5	724.8	1825	500
3.170.4.5.1.0040.0.0350	350	0.4	34.8	845.5	2015	500
3.170.4.5.1.0040.0.0400	400	0.4	37.3	966.3	2278	500
3.170.4.5.1.0040.0.0500	500	0.4	41.4	1207.9	2771	400
3.170.4.5.1.0040.0.0600	600	0.4	44.9	1449.5	3247	400
3.170.4.5.1.0040.0.0700	700	0.4	46.4	1691	3571	400
3.170.4.5.1.0040.0.0800	800	0.4	49.1	1932.6	4008	400
3.170.4.5.1.0040.0.0900	900	0.4	53.1	2174.2	4552	300
3.170.4.5.1.0040.0.1000	1000	0.4	55.3	2415.8	4961	300
3.170.4.5.1.0040.0.1200	1200	0.4	59.2	2898.9	5748	300
3.170.4.5.1.0040.0.1500	1500	0.4	66.4	3623.6	7120	250
3.170.4.5.1.0040.0.1600	1600	0.4	68.1	3865.2	7509	250
3.170.4.5.1.0040.0.1800	1800	0.4	72.6	4348.3	8434	250
Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.170.4.5.1.0050.0.0002	2	0.5	9.9	7.5	159	1000/2000
3.170.4.5.1.0050.0.0004	4	0.5	10.5	14.9	177	1200
3.170.4.5.1.0050.0.0006	6	0.5	12.5	22.3	237	1200
3.170.4.5.1.0050.0.0010	10	0.5	12.7	37.1	256	1200
3.170.4.5.1.0050.0.0020	20	0.5	15.5	74.1	372	1200
3.170.4.5.1.0050.0.0030	30	0.5	18.2	111.1	500	1200
3.170.4.5.1.0050.0.0040	40	0.5	19.3	148.1	574	1200
3.170.4.5.1.0050.0.0050	50	0.5	20.5	185.2	654	1000
3.170.4.5.1.0050.0.0070	70	0.5	22.1	259.2	784	1000
3.170.4.5.1.0050.0.0080	80	0.5	23.1	296.2	864	1000
3.170.4.5.1.0050.0.0100	100	0.5	25.4	377.5	1039	1000
3.170.4.5.1.0050.0.0150	150	0.5	30	566.2	1436	1000
3.170.4.5.1.0050.0.0200	200	0.5	32.9	755	1819	500
3.170.4.5.1.0050.0.0250	250	0.5	35.6	943.7	2153	500
3.170.4.5.1.0050.0.0300	300	0.5	36.7	1132.4	2560	500
3.170.4.5.1.0050.0.0350	350	0.5	40.2	1321.1	2785	400
3.170.4.5.1.0050.0.0400	400	0.5	42.5	1509.9	3117	400

## KPDF-PAbP (Quad)

Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.170.4.5.1.0050.0.0500	500	0.5	48.1	1887.3	3877	400
3.170.4.5.1.0050.0.0600	600	0.5	51.8	2264.8	4518	300
3.170.4.5.1.0050.0.0700	700	0.5	54	2642.2	5040	300
3.170.4.5.1.0050.0.0800	800	0.5	57.4	3019.7	5680	300
3.170.4.5.1.0050.0.0900	900	0.5	62.1	3397.1	6464	300
3.170.4.5.1.0050.0.1000	1000	0.5	64.8	3774.6	7068	300
3.170.4.5.1.0050.0.1200	1200	0.5	69.4	4529.5	8223	250
3.170.4.5.1.0050.0.1500	1500	0.5	78	5661.9	10214	250
3.170.4.5.1.0050.0.1600	1600	0.5	80.1	6039.3	10798	200
3.170.4.5.1.0050.0.1800	1800	0.5	85.4	6794.2	12147	200
Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.170.4.5.1.0060.0.0002	2	0.6	11.1	10.7	173	1200
3.170.4.5.1.0060.0.0004	4	0.6	11.8	21.4	200	1200
3.170.4.5.1.0060.0.0006	6	0.6	13.4	32	253	1200
3.170.4.5.1.0060.0.0010	10	0.6	13.7	53.4	279	1200
3.170.4.5.1.0060.0.0020	20	0.6	17.1	106.7	424	1200
3.170.4.5.1.0060.0.0030	30	0.6	20.9	160	645	1000
3.170.4.5.1.0060.0.0040	40	0.6	22.2	213.3	748	1000
3.170.4.5.1.0060.0.0050	50	0.6	23.8	266.6	860	1000
3.170.4.5.1.0060.0.0070	70	0.6	25.9	373.2	1050	1000
3.170.4.5.1.0060.0.0080	80	0.6	27.3	426.6	1161	1000
3.170.4.5.1.0060.0.0100	100	0.6	29.9	543.6	1400	1000
3.170.4.5.1.0060.0.0150	150	0.6	36.2	815.4	1990	500
3.170.4.5.1.0060.0.0200	200	0.6	39.6	1087.1	2437	500
3.170.4.5.1.0060.0.0250	250	0.6	43.3	1358.9	3015	400
3.170.4.5.1.0060.0.0300	300	0.6	47	1630.7	3524	400
3.170.4.5.1.0060.0.0350	350	0.6	49.1	1902.4	3921	400
3.170.4.5.1.0060.0.0400	400	0.6	51.9	2174.2	4398	300
3.170.4.5.1.0060.0.0500	500	0.6	59.2	2717.7	5521	300
3.170.4.5.1.0060.0.0600	600	0.6	64.4	3261.3	6502	300
3.170.4.5.1.0060.0.0700	700	0.6	66.8	3804.8	7216	250
3.170.4.5.1.0060.0.0800	800	0.6	71.2	4348.3	8166	250
3.170.4.5.1.0060.0.0900	900	0.6	77.1	4891.9	9323	250
3.170.4.5.1.0060.0.1000	1000	0.6	80.6	5435.4	10222	200
3.170.4.5.1.0060.0.1200	1200	0.6	86.5	6522.5	11908	200
Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.170.4.5.1.0080.0.0002	2	0.8	12	19	204	1200
3.170.4.5.1.0080.0.0004	4	0.8	12.8	38	243	1200
3.170.4.5.1.0080.0.0006	6	0.8	14.9	56.9	319	1200
3.170.4.5.1.0080.0.0010	10	0.8	15.3	94.8	363	1200
3.170.4.5.1.0080.0.0020	20	0.8	19.5	189.6	578	1200
3.170.4.5.1.0080.0.0030	30	0.8	24.3	284.4	900	1000
3.170.4.5.1.0080.0.0040	40	0.8	26.2	379.2	1064	1000
3.170.4.5.1.0080.0.0050	50	0.8	28.2	473.9	1244	1000

## KPDF-PAbP (Quad)

Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.170.4.5.1.0080.0.0070	70	0.8	31	663.5	1551	500
3.170.4.5.1.0080.0.0080	80	0.8	32.7	758.3	1729	500
3.170.4.5.1.0080.0.0100	100	0.8	36.2	966.3	2118	500
3.170.4.5.1.0080.0.0150	150	0.8	44.2	1449.5	3068	400
3.170.4.5.1.0080.0.0200	200	0.8	48.6	1932.6	3808	400
3.170.4.5.1.0080.0.0250	250	0.8	53.4	2415.8	4725	300
3.170.4.5.1.0080.0.0300	300	0.8	58	2898.9	5550	300
3.170.4.5.1.0080.0.0350	350	0.8	60.5	3382	6188	300
3.170.4.5.1.0080.0.0400	400	0.8	64.5	3865.2	7006	300
3.170.4.5.1.0080.0.0500	500	0.8	73.7	4831.5	8837	250
3.170.4.5.1.0080.0.0600	600	0.8	80.2	5797.8	10446	200
Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.170.4.5.1.0090.0.0002	2	0.9	12.3	24	217	1200
3.170.4.5.1.0090.0.0004	4	0.9	13.3	48	265	1200
3.170.4.5.1.0090.0.0006	6	0.9	15.6	72	351	1200
3.170.4.5.1.0090.0.0010	10	0.9	16	120	405	1200
3.170.4.5.1.0090.0.0020	20	0.9	20.5	240	660	1000
3.170.4.5.1.0090.0.0030	30	0.9	25.8	359.9	1034	1000
3.170.4.5.1.0090.0.0040	40	0.9	27.8	479.9	1232	1000
3.170.4.5.1.0090.0.0050	50	0.9	30.1	599.8	1451	500
3.170.4.5.1.0090.0.0070	70	0.9	33.1	839.7	1824	500
3.170.4.5.1.0090.0.0080	80	0.9	35	959.7	2038	500
3.170.4.5.1.0090.0.0100	100	0.9	38.9	1223	2505	500
3.170.4.5.1.0090.0.0150	150	0.9	47.7	1834.5	3656	400
3.170.4.5.1.0090.0.0200	200	0.9	52.5	2446	4559	300
3.170.4.5.1.0090.0.0250	250	0.9	57.8	3057.4	5663	300
3.170.4.5.1.0090.0.0300	300	0.9	62.8	3668.9	6670	300
3.170.4.5.1.0090.0.0350	350	0.9	65.4	4280.4	7457	250
3.170.4.5.1.0090.0.0400	400	0.9	69.8	4891.9	8455	250
3.170.4.5.1.0090.0.0500	500	0.9	79.9	6114.8	10677	250
3.170.4.5.1.0090.0.0600	600	0.9	87	7337.8	12636	200

## KPDF-PAbP (Pair)

Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.170.1.5.1.0040.1.0002	2	0.4	10.1	4.8	145	1200
3.170.1.5.1.0040.1.0004	4	0.4	11	9.5	169	1200
3.170.1.5.1.0040.1.0006	6	0.4	11.9	14.3	193	1200
3.170.1.5.1.0040.1.0010	10	0.4	12.1	23.7	207	1200
3.170.1.5.1.0040.1.0020	20	0.4	14.9	47.4	324	1200
3.170.1.5.1.0040.1.0025	25	0.4	16	59.3	371	1200
3.170.1.5.1.0040.1.0030	30	0.4	17.3	71.1	459	1200
3.170.1.5.1.0040.1.0040	40	0.4	18	94.8	475	1200
3.170.1.5.1.0040.1.0050	50	0.4	19	118.5	532	1200
3.170.1.5.1.0040.1.0070	70	0.4	20.5	165.9	627	1000
3.170.1.5.1.0040.1.0080	80	0.4	21.3	189.6	685	1000
3.170.1.5.1.0040.1.0100	100	0.4	23.1	241.6	804	1000
3.170.1.5.1.0040.1.0150	150	0.4	27.4	362.4	1160	1000
3.170.1.5.1.0040.1.0200	200	0.4	29.7	483.2	1384	1000
3.170.1.5.1.0040.1.0250	250	0.4	32.3	604	1631	500
3.170.1.5.1.0040.1.0300	300	0.4	34.6	724.8	1867	500
3.170.1.5.1.0040.1.0350	350	0.4	36.2	845.5	2067	500
3.170.1.5.1.0040.1.0400	400	0.4	38.4	966.3	2319	500
3.170.1.5.1.0040.1.0500	500	0.4	42.7	1207.9	2831	400
3.170.1.5.1.0040.1.0600	600	0.4	45.1	1449.5	3219	400
3.170.1.5.1.0040.1.0700	700	0.4	48.4	1691	3670	400
3.170.1.5.1.0040.1.0800	800	0.4	51.5	1932.6	4137	300
3.170.1.5.1.0040.1.0900	900	0.4	54.3	2174.2	4598	300
3.170.1.5.1.0040.1.1000	1000	0.4	58	2415.8	5127	300
3.170.1.5.1.0040.1.1200	1200	0.4	61.5	2898.9	5875	300
3.170.1.5.1.0040.1.1500	1500	0.4	68.6	3623.6	7222	250
3.170.1.5.1.0040.1.1600	1600	0.4	66.6	3865.2	7220	250
3.170.1.5.1.0040.1.1800	1800	0.4	76.3	4348.3	8706	250

## KPDF-PAbP (Pair)

Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.170.1.5.1.0050.1.0002	2	0.5	99	7.5	158	1000/2000
3.170.1.5.1.0050.1.0004	4	0.5	11	14.9	191	1200
3.170.1.5.1.0050.1.0005	5	0.5	11.9	18.6	218	1200
3.170.1.5.1.0050.1.0006	6	0.5	12.8	22.3	247	1200
3.170.1.5.1.0050.1.0010	10	0.5	13.1	37.1	269	1200
3.170.1.5.1.0050.1.0020	20	0.5	15.7	74.1	380	1200
3.170.1.5.1.0050.1.0025	25	0.5	17.1	92.6	445	1200
3.170.1.5.1.0050.1.0030	30	0.5	18.8	111.1	523	1200
3.170.1.5.1.0050.1.0040	40	0.5	19.9	148.1	597	1200
3.170.1.5.1.0050.1.0050	50	0.5	21.2	185.2	681	1000
3.170.1.5.1.0050.1.0070	70	0.5	23	259.2	818	1000
3.170.1.5.1.0050.1.0080	80	0.5	24	296.2	898	1000
3.170.1.5.1.0050.1.0100	100	0.5	26.4	377.5	1081	1000
3.170.1.5.1.0050.1.0150	150	0.5	31.4	566.2	1500	500
3.170.1.5.1.0050.1.0200	200	0.5	34.4	755	1900	500
3.170.1.5.1.0050.1.0250	250	0.5	37.3	943.7	2249	500
3.170.1.5.1.0050.1.0300	300	0.5	40.4	1132.4	2626	400
3.170.1.5.1.0050.1.0350	350	0.5	42.1	1321.1	2911	400
3.170.1.5.1.0050.1.0400	400	0.5	44.6	1509.9	3259	400
3.170.1.5.1.0050.1.0500	500	0.5	50.5	1887.3	4056	300
3.170.1.5.1.0050.1.0600	600	0.5	54.5	2264.8	4726	300
3.170.1.5.1.0050.1.0700	700	0.5	56.9	2642.2	5266	300
3.170.1.5.1.0050.1.0800	800	0.5	60.5	3019.7	5939	300
3.170.1.5.1.0050.1.0900	900	0.5	65.4	3397.1	6761	250
3.170.1.5.1.0050.1.1000	1000	0.5	68.3	3774.6	7396	250
3.170.1.5.1.0050.1.1200	1200	0.5	73.2	4529.5	8597	250
3.170.1.5.1.0050.1.1500	1500	0.5	82.3	5661.9	10686	200
3.170.1.5.1.0050.1.1600	1600	0.5	84.5	6039.3	11291	200
3.170.1.5.1.0050.1.1800	1800	0.5	90.1	6794.2	12706	200

## KPDF-PAbP (Pair)

Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.170.1.5.1.0060.1.0002	2	0.6	10.6	10.7	177	1200
3.170.1.5.1.0060.1.0004	4	0.6	11.9	21.4	222	1200
3.170.1.5.1.0060.1.0006	6	0.6	14.1	32	297	1200
3.170.1.5.1.0060.1.0010	10	0.6	14.5	53.4	326	1200
3.170.1.5.1.0060.1.0020	20	0.6	18.1	106.7	490	1200
3.170.1.5.1.0060.1.0025	25	0.6	19.3	133.3	564	1200
3.170.1.5.1.0060.1.0030	30	0.6	21.7	160	676	1000
3.170.1.5.1.0060.1.0040	40	0.6	23.1	213.3	784	1000
3.170.1.5.1.0060.1.0050	50	0.6	24.8	266.6	903	1000
3.170.1.5.1.0060.1.0070	70	0.6	27.1	373.2	1103	1000
3.170.1.5.1.0060.1.0080	80	0.6	28.5	426.6	1220	1000
3.170.1.5.1.0060.1.0100	100	0.6	31.3	543.6	1468	500
3.170.1.5.1.0060.1.0150	150	0.6	38.2	815.4	2180	500
3.170.1.5.1.0060.1.0200	200	0.6	41.8	1087.1	2662	400
3.170.1.5.1.0060.1.0250	250	0.6	45.8	1358.9	3191	400
3.170.1.5.1.0060.1.0300	300	0.6	49.4	1630.7	3713	400
3.170.1.5.1.0060.1.0350	350	0.6	51.4	1902.4	4105	300
3.170.1.5.1.0060.1.0400	400	0.6	55.5	2174.2	4690	300
3.170.1.5.1.0060.1.0500	500	0.6	62.1	2717.7	5787	300
3.170.1.5.1.0060.1.0600	600	0.6	67.4	3261.3	6792	250
3.170.1.5.1.0060.1.0700	700	0.6	70.4	3804.8	7580	250
3.170.1.5.1.0060.1.0800	800	0.6	75.1	4348.3	8579	250
3.170.1.5.1.0060.1.0900	900	0.6	81.4	4891.9	980	200
3.170.1.5.1.0060.1.1000	1000	0.6	85.1	5435.4	10746	200
3.170.1.5.1.0060.1.1200	1200	0.6	91.4	6522.5	12506	200
Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.170.1.5.1.0063.1.0002	2	0.63	10.8	11.8	185	1200
3.170.1.5.1.0063.1.0004	4	0.63	12.3	23.6	235	1200
3.170.1.5.1.0063.1.0006	6	0.63	14.6	35.3	313	1200
3.170.1.5.1.0063.1.0010	10	0.63	15	58.8	347	1200
3.170.1.5.1.0063.1.0020	20	0.63	18.9	117.6	526	1200
3.170.1.5.1.0063.1.0025	25	0.63	20.2	147	607	1000
3.170.1.5.1.0063.1.0030	30	0.63	22.7	176.4	733	1000
3.170.1.5.1.0063.1.0040	40	0.63	24.3	235.2	852	1000
3.170.1.5.1.0063.1.0050	50	0.63	26.1	293.9	985	1000
3.170.1.5.1.0063.1.0070	70	0.63	28.5	411.5	1207	1000
3.170.1.5.1.0063.1.0080	80	0.63	30.1	470.3	1337	500
3.170.1.5.1.0063.1.0100	100	0.63	33.4	599.3	1697	500
3.170.1.5.1.0063.1.0150	150	0.63	40.5	898.9	2417	400
3.170.1.5.1.0063.1.0200	200	0.63	44.4	1198.5	2947	400
3.170.1.5.1.0063.1.0250	250	0.63	48.7	1498.2	3539	400
3.170.1.5.1.0063.1.0300	300	0.63	52.7	1797.8	4121.2	300
3.170.1.5.1.0063.1.0350	350	0.63	54.8	2097.4	4557	300
3.170.1.5.1.0063.1.0400	400	0.63	59.1	2397	5209	300
3.170.1.5.1.0063.1.0500	500	0.63	66.4	2996.3	6446	250
3.170.1.5.1.0063.1.0600	600	0.63	72	3595.5	7570	250
3.170.1.5.1.0063.1.0700	700	0.63	75.3	4194.8	8447	250
3.170.1.5.1.0063.1.0800	800	0.63	80.4	4794	9569	200
3.170.1.5.1.0063.1.0900	900	0.63	87.1	5393.3	10944	200
3.170.1.5.1.0063.1.1000	1000	0.63	91.2	5992.5	12007	200
3.170.1.5.1.0063.1.1200	1200	0.63	97.9	7191	13978	150

## KPDF-PAbP (Pair)

Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.170.1.5.1.0065.1.0002	2	0.65	10.9	12.6	189	1200
3.170.1.5.1.0065.1.0004	4	0.65	12.4	25.1	241	1200
3.170.1.5.1.0065.1.0006	6	0.65	14.8	37.6	324	1200
3.170.1.5.1.0065.1.0010	10	0.65	15.2	62.6	358	1200
3.170.1.5.1.0065.1.0020	20	0.65	19.2	125.2	546	1200
3.170.1.5.1.0065.1.0025	25	0.65	20.6	156.5	633	1000
3.170.1.5.1.0065.1.0030	30	0.65	23.2	187.8	763	1000
3.170.1.5.1.0065.1.0040	40	0.65	24.9	250.3	890	1000
3.170.1.5.1.0065.1.0050	50	0.65	26.7	312.9	1033	1000
3.170.1.5.1.0065.1.0070	70	0.65	29.3	438	1264	1000
3.170.1.5.1.0065.1.0080	80	0.65	30.9	500.6	1402	500
3.170.1.5.1.0065.1.0100	100	0.65	34.3	637.9	1778	500
3.170.1.5.1.0065.1.0150	150	0.65	41.7	956.9	2540	400
3.170.1.5.1.0065.1.0200	200	0.65	45.7	1275.8	3106	400
3.170.1.5.1.0065.1.0250	250	0.65	50.2	1594.8	3730	300
3.170.1.5.1.0065.1.0300	300	0.65	54.3	1913.7	4349	300
3.170.1.5.1.0065.1.0350	350	0.65	56.5	2232.7	4813	300
3.170.1.5.1.0065.1.0400	400	0.65	61	2551.6	5503	300
3.170.1.5.1.0065.1.0500	500	0.65	68.5	3189.5	6819	250
3.170.1.5.1.0065.1.0600	600	0.65	74.4	3827.4	8015	250
3.170.1.5.1.0065.1.0700	700	0.65	77.7	4465.3	8947	250
3.170.1.5.1.0065.1.0800	800	0.65	83	5103.2	10141	200
3.170.1.5.1.0065.1.0900	900	0.65	89.9	5741.1	11607	200
3.170.1.5.1.0065.1.1000	1000	0.65	94.2	6379	12735	200
3.170.1.5.1.0065.1.1200	1200	0.65	101.1	7654.8	14830	150
Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.170.1.5.1.0080.1.0002	2	0.8	11.5	19	209	1200
3.170.1.5.1.0080.1.0004	4	0.8	13.3	38	277	1200
3.170.1.5.1.0080.1.0006	6	0.8	15.9	56.9	377	1200
3.170.1.5.1.0080.1.0010	10	0.8	16.5	94.8	425	1200
3.170.1.5.1.0080.1.0020	20	0.8	21	189.6	673	1000
3.170.1.5.1.0080.1.0025	25	0.8	22.8	237	792	1000
3.170.1.5.1.0080.1.0030	30	0.8	25.7	284.4	962	1000
3.170.1.5.1.0080.1.0040	40	0.8	27.7	379.2	1136	1000
3.170.1.5.1.0080.1.0050	50	0.8	29.9	473.9	1330	1000
3.170.1.5.1.0080.1.0070	70	0.8	33.1	663.5	1728	500
3.170.1.5.1.0080.1.0080	80	0.8	35	758.3	1924	500
3.170.1.5.1.0080.1.0100	100	0.8	38.8	966.3	2353	500
3.170.1.5.1.0080.1.0150	150	0.8	47.6	1449.5	3398	400
3.170.1.5.1.0080.1.0200	200	0.8	52.3	1932.6	4193	300
3.170.1.5.1.0080.1.0250	250	0.8	57.6	2415.8	5070	300
3.170.1.5.1.0080.1.0300	300	0.8	62.3	2898.9	5935	300
3.170.1.5.1.0080.1.0350	350	0.8	64.9	3382	6601	300
3.170.1.5.1.0080.1.0400	400	0.8	70.1	3865.2	7558	250
3.170.1.5.1.0080.1.0500	500	0.8	79	4831.5	9419	250
3.170.1.5.1.0080.1.0600	600	0.8	85.9	5797.8	11103	200

## KPDF-PAbP (Pair)

Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.170.1.5.1.0090.1.0002	2	0.9	11.8	24	224	1200
3.170.1.5.1.0090.1.0004	4	0.9	13.8	48	303	1200
3.170.1.5.1.0090.1.0006	6	0.9	16.6	72	414	1200
3.170.1.5.1.0090.1.0010	10	0.9	17.2	120	473	1200
3.170.1.5.1.0090.1.0020	20	0.9	22.1	240	759	1000
3.170.1.5.1.0090.1.0025	25	0.9	24.1	299.9	904	1000
3.170.1.5.1.0090.1.0030	30	0.9	27.3	359.9	1100	1000
3.170.1.5.1.0090.1.0040	40	0.9	29.4	479.9	1309	1000
3.170.1.5.1.0090.1.0050	50	0.9	31.8	599.8	1540	500
3.170.1.5.1.0090.1.0070	70	0.9	35.4	839.7	2014	500
3.170.1.5.1.0090.1.0080	80	0.9	37.4	959.7	2246	500
3.170.1.5.1.0090.1.0100	100	0.9	41.6	1223	2761	400
3.170.1.5.1.0090.1.0150	150	0.9	51.1	1834.5	4012	300
3.170.1.5.1.0090.1.0200	200	0.9	56.2	2446	4976	300
3.170.1.5.1.0090.1.0250	250	0.9	62	3057.4	6039	300
3.170.1.5.1.0090.1.0300	300	0.9	67.1	3668.9	7084	250
3.170.1.5.1.0090.1.0350	350	0.9	70	4280.4	7905	250
3.170.1.5.1.0090.1.0400	400	0.9	75.6	4891.9	9055	250
3.170.1.5.1.0090.1.0500	500	0.9	85.4	6114.8	11314	200
3.170.1.5.1.0090.1.0600	600	0.9	92.8	7337.8	13354	200