

## Outdoor Telephone Cables

# KPD-AP

A-02YS(L)2Y



### Application

- 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 (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 - Screen : Both sides are coated with copolymer coated flat aluminum tape over cable core longitudinally for screening.
- 6 - 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	
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

## KPD-AP (Quad)

Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.160.4.5.1.0040.0.0002	2	0.4	5.5	4.8	30	1000/2000
3.160.4.5.1.0040.0.0004	4	0.4	6.2	9.5	43	1000/2000
3.160.4.5.1.0040.0.0006	6	0.4	7.1	14.3	54	1000/2000
3.160.4.5.1.0040.0.0010	10	0.4	7.7	23.7	70	1000/2000
3.160.4.5.1.0040.0.0020	20	0.4	9.2	47.4	108	1000/2000
3.160.4.5.1.0040.0.0030	30	0.4	11.4	71.1	148	1200
3.160.4.5.1.0040.0.0040	40	0.4	12.2	94.8	180	1200
3.160.4.5.1.0040.0.0050	50	0.4	13.1	118.5	213	1200
3.160.4.5.1.0040.0.0070	70	0.4	14.4	165.9	277	1200
3.160.4.5.1.0040.0.0080	80	0.4	15.1	189.6	311	1200
3.160.4.5.1.0040.0.0100	100	0.4	16.7	241.6	379	1200
3.160.4.5.1.0040.0.0150	150	0.4	20.4	362.4	546	1000
3.160.4.5.1.0040.0.0200	200	0.4	22.5	483.2	703	1000
3.160.4.5.1.0040.0.0250	250	0.4	24.8	604	865	1000
3.160.4.5.1.0040.0.0300	300	0.4	26.6	724.8	1016	1000
3.160.4.5.1.0040.0.0350	350	0.4	27.9	845.5	1167	1000
3.160.4.5.1.0040.0.0400	400	0.4	29.7	966.3	1319	1000
3.160.4.5.1.0040.0.0500	500	0.4	33.5	1207.9	1629	500
3.160.4.5.1.0040.0.0600	600	0.4	36.5	1449.5	1944	500
3.160.4.5.1.0040.0.0700	700	0.4	38.1	1691	2236	500
3.160.4.5.1.0040.0.0800	800	0.4	41.5	1932.6	2580	400
3.160.4.5.1.0040.0.0900	900	0.4	44.6	2174.2	2886	400
3.160.4.5.1.0040.0.1000	1000	0.4	47.5	2415.8	3235	400
3.160.4.5.1.0040.0.1200	1200	0.4	50.6	2898.9	3821	300
3.160.4.5.1.0040.0.1500	1500	0.4	56.8	3623.6	4744	300
3.160.4.5.1.0040.0.1600	1600	0.4	58.7	3865.2	5071	300
3.160.4.5.1.0040.0.1800	1800	0.4	62.4	4348.3	5665	300
Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.160.4.5.1.0050.0.0002	2	0.5	5.8	7.5	40	1000/2000
3.160.4.5.1.0050.0.0004	4	0.5	6.6	14.9	52	1000/2000
3.160.4.5.1.0050.0.0006	6	0.5	7.7	22.3	65	1000/2000
3.160.4.5.1.0050.0.0010	10	0.5	8.3	37.1	87	1000/2000
3.160.4.5.1.0050.0.0020	20	0.5	10.1	74.1	142	1200
3.160.4.5.1.0050.0.0030	30	0.5	12.6	111.1	199	1200
3.160.4.5.1.0050.0.0040	40	0.5	13.5	148.1	245	1200
3.160.4.5.1.0050.0.0050	50	0.5	14.6	185.2	293	1200
3.160.4.5.1.0050.0.0070	70	0.5	16.1	259.2	386	1200
3.160.4.5.1.0050.0.0080	80	0.5	17	296.2	434	1200
3.160.4.5.1.0050.0.0100	100	0.5	19.1	377.5	540	1200
3.160.4.5.1.0050.0.0150	150	0.5	23.1	566.2	780	1000
3.160.4.5.1.0050.0.0200	200	0.5	25.6	755	1010	1000

## KPD-AP (Quad)

3.160.4.5.1.0050.0.0250	250	0.5	28.2	943.7	1246	1000
3.160.4.5.1.0050.0.0300	300	0.5	30.4	1132.4	1470	500
3.160.4.5.1.0050.0.0350	350	0.5	31.9	1321.1	1698	500
3.160.4.5.1.0050.0.0400	400	0.5	34	1509.9	1922	500
3.160.4.5.1.0050.0.0500	500	0.5	38.5	1887.3	2378	500
3.160.4.5.1.0050.0.0600	600	0.5	41.9	2264.8	2845	400
3.160.4.5.1.0050.0.0700	700	0.5	43.8	2642.2	3278	400
3.160.4.5.1.0050.0.0800	800	0.5	47.7	3019.7	3777	400
3.160.4.5.1.0050.0.0900	900	0.5	51.3	3397.1	4229	300
3.160.4.5.1.0050.0.1000	1000	0.5	54.6	3774.6	4735	300
3.160.4.5.1.0050.0.1200	1200	0.5	58.3	4529.5	5610	300
3.160.4.5.1.0050.0.1500	1500	0.5	65.4	5661.9	6974	250
3.160.4.5.1.0050.0.1600	1600	0.5	67.7	6039.3	7455	250
3.160.4.5.1.0050.0.1800	1800	0.5	71.9	6794.2	8339	250
Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.160.4.5.1.0060.0.0002	2	0.6	6.5	10.7	47	1000/2000
3.160.4.5.1.0060.0.0004	4	0.6	7.5	21.4	65	1000/2000
3.160.4.5.1.0060.0.0006	6	0.6	9	32	86	1000/2000
3.160.4.5.1.0060.0.0010	10	0.6	9.7	53.4	118	1000/2000
3.160.4.5.1.0060.0.0020	20	0.6	12.1	106.7	196	1200
3.160.4.5.1.0060.0.0030	30	0.6	15.6	160	281	1200
3.160.4.5.1.0060.0.0040	40	0.6	16.9	213.3	352	1200
3.160.4.5.1.0060.0.0050	50	0.6	18.4	266.6	423	1200
3.160.4.5.1.0060.0.0070	70	0.6	20.4	373.2	560	1000
3.160.4.5.1.0060.0.0080	80	0.6	21.7	426.6	631	1000
3.160.4.5.1.0060.0.0100	100	0.6	24.2	543.6	782	1000
3.160.4.5.1.0060.0.0150	150	0.6	30	815.4	1144	1000
3.160.4.5.1.0060.0.0200	200	0.6	33.3	1087.1	1489	500
3.160.4.5.1.0060.0.0250	250	0.6	36.9	1358.9	1838	500
3.160.4.5.1.0060.0.0300	300	0.6	39.8	1630.7	2175	500
3.160.4.5.1.0060.0.0350	350	0.6	41.8	1902.4	2515	400
3.160.4.5.1.0060.0.0400	400	0.6	44.7	2174.2	2853	400
3.160.4.5.1.0060.0.0500	500	0.6	50.9	2717.7	3533	300
3.160.4.5.1.0060.0.0600	600	0.6	55.5	3261.3	4226	300
3.160.4.5.1.0060.0.0700	700	0.6	58	3804.8	4877	300
3.160.4.5.1.0060.0.0800	800	0.6	63.1	4348.3	5616	300
3.160.4.5.1.0060.0.0900	900	0.6	68.1	4891.9	6293	250
3.160.4.5.1.0060.0.1000	1000	0.6	72.1	5435.4	7017	250
3.160.4.5.1.0060.0.1200	1200	0.6	77.4	6522.5	8351	250

## KPD-AP (Quad)

Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.160.4.5.1.0080.0.0002	2	0.8	7.2	19	61	1000/2000
3.160.4.5.1.0080.0.0004	4	0.8	8.3	38	88	1000/2000
3.160.4.5.1.0080.0.0006	6	0.8	10.3	56.9	121	1200
3.160.4.5.1.0080.0.0010	10	0.8	11.1	94.8	173	1200
3.160.4.5.1.0080.0.0020	20	0.8	14.2	189.6	301	1200
3.160.4.5.1.0080.0.0030	30	0.8	18.5	284.4	436	1200
3.160.4.5.1.0080.0.0040	40	0.8	20.2	379.2	556	1000
3.160.4.5.1.0080.0.0050	50	0.8	22.1	473.9	675	1000
3.160.4.5.1.0080.0.0070	70	0.8	24.7	663.5	907	1000
3.160.4.5.1.0080.0.0080	80	0.8	26.4	758.3	1025	1000
3.160.4.5.1.0080.0.0100	100	0.8	29.6	966.3	1282	1000
3.160.4.5.1.0080.0.0150	150	0.8	36.9	1449.5	1883	500
3.160.4.5.1.0080.0.0200	200	0.8	41	1932.6	2469	400
3.160.4.5.1.0080.0.0250	250	0.8	45.6	2415.8	3059	400
3.160.4.5.1.0080.0.0300	300	0.8	49.3	2898.9	3631	400
3.160.4.5.1.0080.0.0350	350	0.8	51.7	3382	4207	300
3.160.4.5.1.0080.0.0400	400	0.8	55.5	3865.2	4784	300
3.160.4.5.1.0080.0.0500	500	0.8	63.3	4831.5	5935	300
3.160.4.5.1.0080.0.0600	600	0.8	69.1	5797.8	7110	250
Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.160.4.5.1.0090.0.0002	2	0.9	7.8	24	70	1000/2000
3.160.4.5.1.0090.0.0004	4	0.9	8.6	48	100	1000/2000
3.160.4.5.1.0090.0.0006	6	0.9	10.7	72	139	1200
3.160.4.5.1.0090.0.0010	10	0.9	11.5	120	202	1200
3.160.4.5.1.0090.0.0020	20	0.9	14.9	240	359	1200
3.160.4.5.1.0090.0.0030	30	0.9	19.5	359.9	520	1200
3.160.4.5.1.0090.0.0040	40	0.9	21.4	479.9	667	1000
3.160.4.5.1.0090.0.0050	50	0.9	23.4	599.8	812	1000
3.160.4.5.1.0090.0.0070	70	0.9	26.2	839.7	1097	1000
3.160.4.5.1.0090.0.0080	80	0.9	27.9	959.7	1242	1000
3.160.4.5.1.0090.0.0100	100	0.9	31.4	1223	1556	500
3.160.4.5.1.0090.0.0150	150	0.9	39.2	1834.5	2294	500
3.160.4.5.1.0090.0.0200	200	0.9	43.6	2446	3010	400
3.160.4.5.1.0090.0.0250	250	0.9	48.4	3057.4	3735	400
3.160.4.5.1.0090.0.0300	300	0.9	52.4	3668.9	4443	300
3.160.4.5.1.0090.0.0350	350	0.9	55.1	4280.4	5152	300
3.160.4.5.1.0090.0.0400	400	0.9	59.1	4891.9	5861	300
3.160.4.5.1.0090.0.0500	500	0.9	67.5	6114.8	7281	250
3.160.4.5.1.0090.0.0600	600	0.9	73.6	7337.8	8724	250

## KPD-AP (Pair)

Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.162.1.5.1.0040.0.0002	2	0.4	5.8	4.8	36	1000/2000
3.162.1.5.1.0040.0.0004	4	0.4	6.6	9.5	46	1000/2000
3.162.1.5.1.0040.0.0005	5	0.4	6.7	11.9	50	1000/2000
3.162.1.5.1.0040.0.0006	6	0.4	7.5	14.3	55	1000/2000
3.162.1.5.1.0040.0.0010	10	0.4	8.3	23.7	76	1000/2000
3.162.1.5.1.0040.0.0020	20	0.4	10	47.4	117	1000/2000
3.162.1.5.1.0040.0.0025	25	0.4	10.7	59.3	127	1200
3.162.1.5.1.0040.0.0030	30	0.4	11.7	71.1	151	1200
3.162.1.5.1.0040.0.0040	40	0.4	12.8	94.8	188	1200
3.162.1.5.1.0040.0.0050	50	0.4	14	118.5	225	1200
3.162.1.5.1.0040.0.0070	70	0.4	15.2	165.9	288	1200
3.162.1.5.1.0040.0.0080	80	0.4	16	189.6	320	1200
3.162.1.5.1.0040.0.0100	100	0.4	17.9	241.6	397	1200
3.162.1.5.1.0040.0.0150	150	0.4	21.7	362.4	566	1000
3.162.1.5.1.0040.0.0200	200	0.4	23.9	483.2	727	1000
3.162.1.5.1.0040.0.0250	250	0.4	26.4	604	891	1000
3.162.1.5.1.0040.0.0300	300	0.4	28.3	724.8	1046	1000
3.162.1.5.1.0040.0.0350	350	0.4	29.7	845.5	1205	1000
3.162.1.5.1.0040.0.0400	400	0.4	31.7	966.3	1361	500
3.162.1.5.1.0040.0.0500	500	0.4	35.8	1207.9	1679	500
3.162.1.5.1.0040.0.0600	600	0.4	39	1449.5	2007	500
3.162.1.5.1.0040.0.0700	700	0.4	40.7	1691	2304	400
3.162.1.5.1.0040.0.0800	800	0.4	44.3	1932.6	2662	400
3.162.1.5.1.0040.0.0900	900	0.4	47.7	2174.2	2977	400
3.162.1.5.1.0040.0.1000	1000	0.4	50.8	2415.8	3339	300
3.162.1.5.1.0040.0.1200	1200	0.4	54.1	2898.9	3940	300
3.162.1.5.1.0040.0.1500	1500	0.4	60.7	3623.6	4890	300
3.162.1.5.1.0040.0.1600	1600	0.4	62.8	3865.2	5228	300
3.162.1.5.1.0040.0.1800	1800	0.4	66.8	4348.3	5839	250
Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.162.1.5.1.0050.0.0002	2	0.5	6.1	7.5	40	1000/2000
3.162.1.5.1.0050.0.0004	4	0.5	7.1	14.9	54	1000/2000
3.162.1.5.1.0050.0.0005	5	0.5	7.2	18.6	59	1000/2000
3.162.1.5.1.0050.0.0006	6	0.5	8.1	22.3	68	1000/2000
3.162.1.5.1.0050.0.0010	10	0.5	8.3	37.1	87	1000/2000
3.162.1.5.1.0050.0.0020	20	0.5	10.5	74.1	145	1200
3.162.1.5.1.0050.0.0025	25	0.5	11.8	92.6	171	1200
3.162.1.5.1.0050.0.0030	30	0.5	13	111.1	201	1200
3.162.1.5.1.0050.0.0040	40	0.5	14.3	148.1	255	1200
3.162.1.5.1.0050.0.0050	50	0.5	15.4	185.2	305	1200
3.162.1.5.1.0050.0.0070	70	0.5	17.1	259.2	400	1200

## KPD-AP (Pair)

3.162.1.5.1.0050.0.0080	80	0.5	18.1	296.2	447	1200
3.162.1.5.1.0050.0.0100	100	0.5	20.1	377.5	555	1000
3.162.1.5.1.0050.0.0150	150	0.5	24.7	566.2	802	1000
3.162.1.5.1.0050.0.0200	200	0.5	27.3	755	1042	1000
3.162.1.5.1.0050.0.0250	250	0.5	30.2	943.7	1285	500
3.162.1.5.1.0050.0.0300	300	0.5	32.5	1132.4	1514	500
3.162.1.5.1.0050.0.0350	350	0.5	34.1	1321.1	1749	500
3.162.1.5.1.0050.0.0400	400	0.5	36.4	1509.9	1979	500
3.162.1.5.1.0050.0.0500	500	0.5	41.3	1887.3	2450	400
3.162.1.5.1.0050.0.0600	600	0.5	45	2264.8	2930	400
3.162.1.5.1.0050.0.0700	700	0.5	47	2642.2	3374	400
3.162.1.5.1.0050.0.0800	800	0.5	51.1	3019.7	3888	300
3.162.1.5.1.0050.0.0900	900	0.5	55.1	3397.1	4353	300
3.162.1.5.1.0050.0.1000	1000	0.5	58.6	3774.6	4875	300
3.162.1.5.1.0050.0.1200	1200	0.5	62.6	4529.5	5772	300
3.162.1.5.1.0050.0.1500	1500	0.5	70.3	5661.9	7176	250
3.162.1.5.1.0050.0.1600	1600	0.5	72.7	6039.3	7668	250
3.162.1.5.1.0050.0.1800	1800	0.5	77.3	6794.2	8579	250
Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.162.1.5.1.0060.0.0002	2	0.6	6.8	10.7	49	1000/2000
3.162.1.5.1.0060.0.0004	4	0.6	8.1	21.4	68	1000/2000
3.162.1.5.1.0060.0.0005	5	0.6	8.3	26.7	76	1000/2000
3.162.1.5.1.0060.0.0006	6	0.6	9.4	32	89	1000/2000
3.162.1.5.1.0060.0.0010	10	0.6	9.8	53.4	116	1000/2000
3.162.1.5.1.0060.0.0020	20	0.6	12.7	106.7	200	1200
3.162.1.5.1.0060.0.0025	25	0.6	14.4	133.3	239	1200
3.162.1.5.1.0060.0.0030	30	0.6	16.1	160	284	1200
3.162.1.5.1.0060.0.0040	40	0.6	17.7	213.3	362	1200
3.162.1.5.1.0060.0.0050	50	0.6	19.3	266.6	435	1200
3.162.1.5.1.0060.0.0070	70	0.6	21.5	373.2	578	1000
3.162.1.5.1.0060.0.0080	80	0.6	22.8	426.6	647	1000
3.162.1.5.1.0060.0.0100	100	0.6	25.6	543.6	805	1000
3.162.1.5.1.0060.0.0150	150	0.6	31.7	815.4	1175	500
3.162.1.5.1.0060.0.0200	200	0.6	35.2	1087.1	1529	500
3.162.1.5.1.0060.0.0250	250	0.6	39	1358.9	1886	500
3.162.1.5.1.0060.0.0300	300	0.6	42.2	1630.7	2231	400
3.162.1.5.1.0060.0.0350	350	0.6	44.3	1902.4	2578	400
3.162.1.5.1.0060.0.0400	400	0.6	47.4	2174.2	2924	400
3.162.1.5.1.0060.0.0500	500	0.6	54	2717.7	3620	300
3.162.1.5.1.0060.0.0600	600	0.6	58.9	3261.3	4332	300
3.162.1.5.1.0060.0.0700	700	0.6	61.6	3804.8	4998	300
3.162.1.5.1.0060.0.0800	800	0.6	66.9	4348.3	5757	250
3.162.1.5.1.0060.0.0900	900	0.6	72.3	4891.9	6450	250
3.162.1.5.1.0060.0.1000	1000	0.6	76.7	5435.4	7215	250
3.162.1.5.1.0060.0.1200	1200	0.6	82.1	6522.5	8560	200

## KPD-AP (Pair)

Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.162.1.5.1.0063.0.0002	2	0.63	6.9	11.8	51	1000/2000
3.162.1.5.1.0063.0.0004	4	0.63	8.3	23.6	72	1000/2000
3.162.1.5.1.0063.0.0005	5	0.63	8.4	29.4	81	1000/2000
3.162.1.5.1.0063.0.0006	6	0.63	9.7	35.3	94	1000/2000
3.162.1.5.1.0063.0.0010	10	0.63	10	58.8	125	1000/2000
3.162.1.5.1.0063.0.0020	20	0.63	13.1	117.6	215	1200
3.162.1.5.1.0063.0.0025	25	0.63	14.9	147	259	1200
3.162.1.5.1.0063.0.0030	30	0.63	16.6	176.4	306	1200
3.162.1.5.1.0063.0.0040	40	0.63	18.3	235.2	390	1200
3.162.1.5.1.0063.0.0050	50	0.63	19.9	293.9	472	1200
3.162.1.5.1.0063.0.0070	70	0.63	22.2	411.5	624	1000
3.162.1.5.1.0063.0.0080	80	0.63	23.6	470.3	703	1000
3.162.1.5.1.0063.0.0100	100	0.63	26.5	599.3	875	1000
3.162.1.5.1.0063.0.0150	150	0.63	32.9	898.9	1275	500
3.162.1.5.1.0063.0.0200	200	0.63	36.5	1198.5	1664	500
3.162.1.5.1.0063.0.0250	250	0.63	40.5	1498.2	2055	400
3.162.1.5.1.0063.0.0300	300	0.63	43.8	1797.8	2432	400
3.162.1.5.1.0063.0.0350	350	0.63	45.9	2097.4	2812	400
3.162.1.5.1.0063.0.0400	400	0.63	49.2	2397	3190	400
3.162.1.5.1.0063.0.0500	500	0.63	56.1	2996.3	3953	300
3.162.1.5.1.0063.0.0600	600	0.63	61.2	3595.5	4731	300
3.162.1.5.1.0063.0.0700	700	0.63	64	4194.8	5457	300
3.162.1.5.1.0063.0.0800	800	0.63	69.5	4794	6283	250
3.162.1.5.1.0063.0.0900	900	0.63	75.1	5393.3	7044	250
3.162.1.5.1.0063.0.1000	1000	0.63	79.7	5992.5	7877	250
3.162.1.5.1.0063.0.1200	1200	0.63	85.3	7191	9349	200
Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.162.1.5.1.0065.0.0002	2	0.65	7	12.6	52	1000/2000
3.162.1.5.1.0065.0.0004	4	0.65	8.4	25.1	75	1000/2000
3.162.1.5.1.0065.0.0005	5	0.65	8.6	31.3	85	1000/2000
3.162.1.5.1.0065.0.0006	6	0.65	9.9	37.6	98	1000/2000
3.162.1.5.1.0065.0.0010	10	0.65	10.3	62.6	131	1200
3.162.1.5.1.0065.0.0020	20	0.65	13.4	125.2	228	1200
3.162.1.5.1.0065.0.0025	25	0.65	15.3	156.5	273	1200
3.162.1.5.1.0065.0.0030	30	0.65	17.1	187.8	324	1200
3.162.1.5.1.0065.0.0040	40	0.65	18.9	250.3	414	1200
3.162.1.5.1.0065.0.0050	50	0.65	20.6	312.9	499	1000



## KPD-AP (Pair)

3.162.1.5.1.0065.0.0070	70	0.65	22.9	438	661	1000
3.162.1.5.1.0065.0.0080	80	0.65	24.4	500.6	745	1000
3.162.1.5.1.0065.0.0100	100	0.65	27.4	637.9	927	1000
3.162.1.5.1.0065.0.0150	150	0.65	34.1	956.9	1356	500
3.162.1.5.1.0065.0.0200	200	0.65	37.8	1275.8	1767	500
3.162.1.5.1.0065.0.0250	250	0.65	42	1594.8	2186	400
3.162.1.5.1.0065.0.0300	300	0.65	45.4	1913.7	2588	400
3.162.1.5.1.0065.0.0350	350	0.65	47.6	2232.7	2993	400
3.162.1.5.1.0065.0.0400	400	0.65	51	2551.6	3395	300
3.162.1.5.1.0065.0.0500	500	0.65	58.2	3189.5	4208	300
3.162.1.5.1.0065.0.0600	600	0.65	63.5	3827.4	5037	300
3.162.1.5.1.0065.0.0700	700	0.65	66.4	4465.3	5815	250
3.162.1.5.1.0065.0.0800	800	0.65	72.1	5103.2	6693	250
3.162.1.5.1.0065.0.0900	900	0.65	78	5741.1	7504	250
3.162.1.5.1.0065.0.1000	1000	0.65	81.9	6379	8293	200
3.162.1.5.1.0065.0.1200	1200	0.65	87.8	7654.8	9857	200
Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.162.1.5.1.0080.0.0002	2	0.8	7.6	19	63	1000/2000
3.162.1.5.1.0080.0.0004	4	0.8	9.3	38	95	1000/2000
3.162.1.5.1.0080.0.0005	5	0.8	9.5	47.4	107	1000/2000
3.162.1.5.1.0080.0.0006	6	0.8	11	56.9	127	1200
3.162.1.5.1.0080.0.0010	10	0.8	11.7	94.8	178	1200
3.162.1.5.1.0080.0.0020	20	0.8	15.2	189.6	312	1200
3.162.1.5.1.0080.0.0025	25	0.8	17.5	237	376	1200
3.162.1.5.1.0080.0.0030	30	0.8	19.7	284.4	451	1200
3.162.1.5.1.0080.0.0040	40	0.8	21.7	379.2	578	1000
3.162.1.5.1.0080.0.0050	50	0.8	23.8	473.9	701	1000
3.162.1.5.1.0080.0.0070	70	0.8	26.6	663.5	941	1000
3.162.1.5.1.0080.0.0080	80	0.8	28.4	758.3	1063	1000
3.162.1.5.1.0080.0.0100	100	0.8	32	966.3	1328	500
3.162.1.5.1.0080.0.0150	150	0.8	39.9	1449.5	1952	500
3.162.1.5.1.0080.0.0200	200	0.8	44.4	1932.6	2554	400
3.162.1.5.1.0080.0.0250	250	0.8	49.3	2415.8	3167	400
3.162.1.5.1.0080.0.0300	300	0.8	53.4	2898.9	3757	300
3.162.1.5.1.0080.0.0350	350	0.8	56.1	3382	4355	300
3.162.1.5.1.0080.0.0400	400	0.8	60.2	3865.2	4946	300
3.162.1.5.1.0080.0.0500	500	0.8	68.8	4831.5	6137	250
3.162.1.5.1.0080.0.0600	600	0.8	75	5797.8	7350	250

## KPD-AP (Pair)

Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.162.1.5.1.0090.0.0002	2	0.9	7.9	24	70	1000/2000
3.162.1.5.1.0090.0.0004	4	0.9	9.8	48	108	1000/2000
3.162.1.5.1.0090.0.0005	5	0.9	10	60	125	1000/2000
3.162.1.5.1.0090.0.0006	6	0.9	11.7	72	148	1200
3.162.1.5.1.0090.0.0010	10	0.9	12.5	120	211	1200
3.162.1.5.1.0090.0.0020	20	0.9	16.3	240	373	1200
3.162.1.5.1.0090.0.0025	25	0.9	18.8	299.9	454	1200
3.162.1.5.1.0090.0.0030	30	0.9	21.2	359.9	540	1000
3.162.1.5.1.0090.0.0040	40	0.9	23.4	479.9	700	1000
3.162.1.5.1.0090.0.0050	50	0.9	25.7	599.8	852	1000
3.162.1.5.1.0090.0.0070	70	0.9	28.8	839.7	1148	1000
3.162.1.5.1.0090.0.0080	80	0.9	30.8	959.7	1298	500
3.162.1.5.1.0090.0.0100	100	0.9	34.7	1223	1629	500
3.162.1.5.1.0090.0.0150	150	0.9	43.5	1834.5	2399	400
3.162.1.5.1.0090.0.0200	200	0.9	48.3	2446	3148	400
3.162.1.5.1.0090.0.0250	250	0.9	53.8	3057.4	3902	300
3.162.1.5.1.0090.0.0300	300	0.9	58.3	3668.9	4639	300
3.162.1.5.1.0090.0.0350	350	0.9	61.2	4280.4	5380	300
3.162.1.5.1.0090.0.0400	400	0.9	65.7	4891.9	6118	250
3.162.1.5.1.0090.0.0500	500	0.9	75.1	6114.8	7595	250
3.162.1.5.1.0090.0.0600	600	0.9	82	7337.8	9101	200