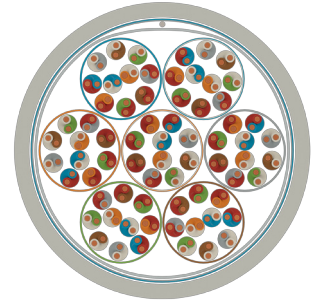


Indoor Telephone Cables

PD-APV

JE-02YS(St)Y

RoHS REACH 



Application

- . In indoor installations.
- . Telephone exchanges and subscriber distributions.
- . Signal and data transmission.

Cable Construction

- 1 - Conductor : Class 1 electrolytic solid copper (IEC 60228, DIN VDE 0295, EN 60228)
- 2 - Insulation : Color coded foam skin polyethylene clad with solid polyethylene (TS EN 60708)
- 3 - Stranding : In layers up to 10 pairs, 20 pairs to 100 pairs consist of stranding of 10 pair groups wrapped with polypropylene identification tape
- 4 - Wrapping : A non-hygroscopic and dielectric polyester tape is applied on the cable core longitudinally or helically. (More than 10 pairs)
- 5 - Screen : Tinned copper earthing wire, Al/PET tape
- 6 - Outer Jacket: UV resistant PVC outer jacket. RAL 7035 (Grey)

Technical Characteristics

Conductor Diameter	Conductor Resistance Ω/km (20 °C)	Insulation Resistance $\text{M}\Omega/\text{km}$	Mutual Capacitance nF/km	Capacitance Unbalance $\text{pF}/500 \text{ m}$	Test Voltage V (DC. 1 minute)
0.40 mm	146.6	5000	56	400	1000
0.50 mm	93	5000	56	400	1000
0.60 mm	64.6	5000	51	400	1000
0.80 mm	37	5000	51	400	1000
0.90 mm	28.8	5000	51	400	1000

Mechanical Characteristics

Bending Radius	Temperature Range Operating
10xD mm	-30°C~+70°C

Standards

Flame Retardancy Test

IEC 60332-1-2,
VDE 0482-332-1-2,
EN 60332-1-2

Notes

Reference Standard: TSEK 116

PD-APV

Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.340.1.5.2.0040.0.0001	1	0.4	2.9	4.3	12	100/500/1000
3.340.1.5.2.0040.0.0002	2	0.4	3.4	6.7	17	100/500/1000
3.340.1.5.2.0040.0.0003	3	0.4	4.3	9	24	100/500/1000
3.340.1.5.2.0040.0.0004	4	0.4	4.3	11.4	26	100/500/1000
3.340.1.5.2.0040.0.0005	5	0.4	4.6	13.8	31	100/500/1000
3.340.1.5.2.0040.0.0006	6	0.4	5.3	16.1	36	100/500/1000
3.340.1.5.2.0040.0.0007	7	0.4	5.4	18.5	41	100/500/1000
3.340.1.5.2.0040.0.0008	8	0.4	5.5	20.9	44	100/500/1000
3.340.1.5.2.0040.0.0009	9	0.4	5.7	23.3	48	100/500/1000
3.340.1.5.2.0040.0.0010	10	0.4	5.7	25.6	51	100/500/1000
3.340.1.5.2.0040.0.0012	12	0.4	6.2	30.4	59	100/500/1000
3.340.1.5.2.0040.0.0014	14	0.4	7.2	35.1	72	100/500/1000
3.340.1.5.2.0040.0.0015	15	0.4	6.6	37.5	69	100/500/1000
3.340.1.5.2.0040.0.0016	16	0.4	6.8	39.8	73	100/500/1000
3.340.1.5.2.0040.0.0020	20	0.4	7.4	49.3	88	100/500/1000
3.340.1.5.2.0040.0.0030	30	0.4	9.8	73	127	100/500/1000
3.340.1.5.2.0040.0.0050	50	0.4	11.9	120.4	196	100/500/1000
3.340.1.5.2.0040.0.0100	100	0.4	16.4	243.5	376	100/500/1000
Part Number	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.340.1.5.2.0050.0.0001	1	0.5	3.1	5.6	15	100/500/1000
3.340.1.5.2.0050.0.0002	2	0.5	3.7	9.3	21	100/500/1000
3.340.1.5.2.0050.0.0003	3	0.5	4.7	13	29	100/500/1000
3.340.1.5.2.0050.0.0004	4	0.5	4.9	16.7	35	100/500/1000
3.340.1.5.2.0050.0.0005	5	0.5	5	20.4	40	100/500/1000
3.340.1.5.2.0050.0.0006	6	0.5	5.9	24.1	47	100/500/1000
3.340.1.5.2.0050.0.0007	7	0.5	6	27.8	53	100/500/1000
3.340.1.5.2.0050.0.0008	8	0.5	6.1	31.5	57	100/500/1000
3.340.1.5.2.0050.0.0009	9	0.5	6.2	35.2	62	100/500/1000
3.340.1.5.2.0050.0.0010	10	0.5	6.3	39	68	100/500/1000
3.340.1.5.2.0050.0.0012	12	0.5	6.8	46.4	79	100/500/1000
3.340.1.5.2.0050.0.0014	14	0.5	7.2	53.8	89	100/500/1000
3.340.1.5.2.0050.0.0015	15	0.5	7.4	57.5	94	100/500/1000
3.340.1.5.2.0050.0.0016	16	0.5	7.6	61.2	99	100/500/1000
3.340.1.5.2.0050.0.0020	20	0.5	8.3	76	121	100/500/1000
3.340.1.5.2.0050.0.0030	30	0.5	11.1	113	176	100/500/1000
3.340.1.5.2.0050.0.0050	50	0.5	13.8	187	282	100/500/1000
3.340.1.5.2.0050.0.0100	100	0.5	18.8	379.4	534	100/500/1000