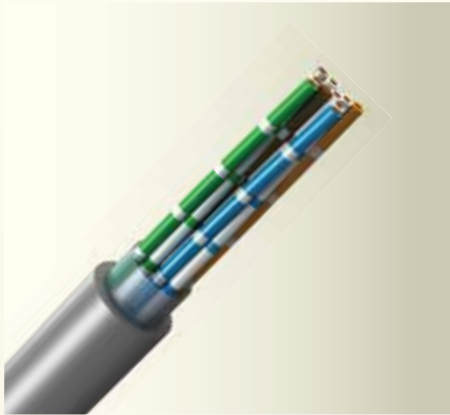


Communication Cables

PVC Insulated, PVC Sheathed Telephone Cable
TC/PVC/PVC

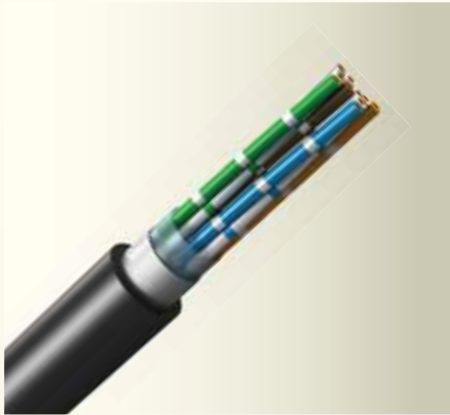
tel (65) 6367 0107 fax (65) 6365 2963
www.keystone-cable.com



Application :	This cable is primarily used in underground duct telephone circuit devices. The distribution network is between the exchange and the subscriber.
Construction :	Solid annealed copper wires uniformly coated with tin, PVC insulated, PVC sheathed cable

Nominal Conductor Dia.	Insulation Min. Radial Thickness	Max. Dia. Over Coating	Min. Insulation Resistance	Max. Conductor Resistance	Capacitance Unbalance
mm	mm	mm	M /km	/km	pF/500M
0.5	0.15	0.95	>500	97.8	500

Specification : IDA TS L1-1 or L1-2			Specification : BPO CW1308			
Description	Minimum Sheath Thickness	Approx. Overall Dia.	Description	Construction	Min. Sheathed Thickness	Approx. Overall Dia.
	mm	mm			Mm	mm
1/0.5x2 pair	0.4	3.5	1/0.5x1 W	1 WB	0.4	2.2
1/0.5x3 pair	0.5	5.3	1/0.5x2 W	1 Pair	0.4	3.3
1/0.5x4 pair	0.5	5.8	1/0.5x4 W	2 Pair	0.4	4.0
1/0.5x5 pair	0.6	6.5	1/0.5x6 W	3 Pair	0.5	5.3
1/0.5x10 pair	0.7	8.3	1/0.5x8 W	4 Pair	0.5	5.8
1/0.5x20 pair	0.8	10.7	1/0.5x12 W	6 Pair	0.6	6.8
1/0.5x40 pair	0.9	14.2	1/0.5x20 W	10 Pair	0.6	8.3
1/0.5x80 pair	1.0	21.8	1/0.5x30 W	10 Tr	0.7	9.8
1/0.5 x 100 pair	1.0	22.6	1/0.5x40 W	20 Pair	0.7	10.7
			1/0.5x50 W	25 Pair	0.8	11.4
			1/0.5x60 W	30 Pair	0.8	12.2
			1/0.5x80 W	40 Pair	0.9	14.2
			1/0.5x100 W	50 Pair	1.0	15.7
			1/0.5x120 W	60 Pair	1.0	16.3
			1/0.5x150 W	50 Tr	1.1	17.8
			1/0.5x200 W	100 Pair	1.4	22.6



Application :	For connecting subscribers' equipment within a building.
Construction :	Solid annealed copper wires, fully color-coded F/S PE insulation. All interstices of the cable core are completely filled with jelly compound. The cable core is wrapped with plastic coated aluminium tape shield as well as an overall black polyethylene sheath on which sequential length marking is printed.

10P unit, The color of open lapping tape (10P~200P)

Unit no.	1	2	3	4	5	6	7	8	9	10
Lapping Tape Color	B	Y	G	R	V	B	Y	G	R	V
	B	Y	G	R	V	W	W	W	W	W
	11	12	13	14	15	16	17	18	19	20
	B	Y	G	R	V	B	Y	G	R	V
	BR	BR	BR	BR	BR	BK	BK	BK	BK	BK

- Where B is blue, Y is Yellow, G is Green, R is Red, V is Violet, W is White, BR is Brown, Bk is Black

50P unit, The color of open lapping tape (300P~600P)

Unit No	1	2	3	4	5	6
Lapping Tape Color	B	Y	G	R	V	B
	B	Y	G	R	V	W
	7	8	9	10	11	12
	Y	G	R	V	B	Y
	W	W	W	W	BR	BR

Electric characteristic : (at 20°C)

Item	Dia. (mm)	0.4	0.5	0.65
Max. conductor resistance, /km		147.5	93.5	56.5
Insulation dielectric strength V/1min.	Conductor --ground	D.C. 500V or A.C. 350v (R.M.S.)		
Min. Insulation resistance, M -km		Over 5000		
Mutual Capacitance, nF/km (1kHz)	Over 50P (Included)	Average : under 55		
	Under 30P (Included)	Average : under 60		

Cable Size

Dia. (mm)	0.4	0.5	0.65
Pair (P)	10, 20, 30, 50, 100, 200, 300, 400, 600		