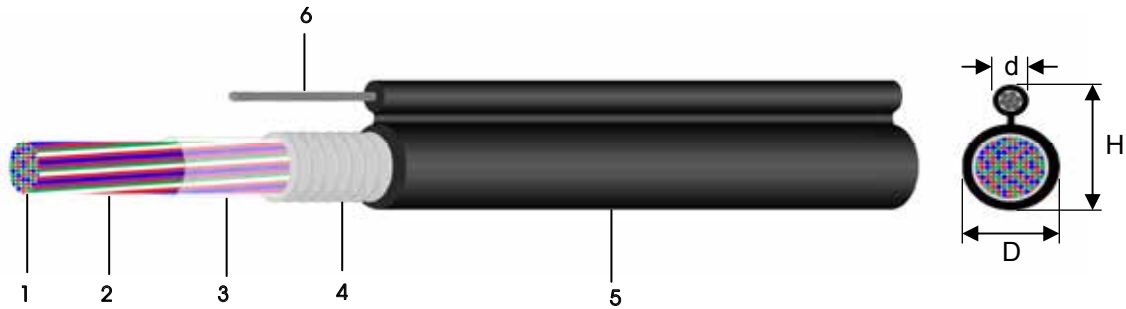


Figure 8 Alpeth Sheathed Cable (AP(8))



Construction

- 1. Conductor : Plain annealed copper ,
- 2. Insulation : Polyethylene
- 3. Core – covering : Non - hygroscopic tape
- 4. Shield : Corrugated aluminium tape with plastic coating of 0.3 mm in thickness on both sides
- 5. Sheath : Polyethylene (Black)
- 6. Support messenger : Polyethylene (Black)
: 7/2.03 mm extra high strength grade galvanized steel wire coated with asphalt flooding compound

Reference Standard

TIS 2434-2552

Marking

BANGKOK CABLE ☆☆☆☆ AP(8) *.*.* x ☆☆☆ P
⊕ TIS 2434-2552

Application

This cable is designed for exchange area telephone distribution lines, especially for aerial installation by using the self support messenger.

Conductor diameter mm (Nominal)	Number of pairs P	Support messenger diameter mm (Approx.)	Thickness of sheath mm (Nominal)	Overall dimension			Cable weight kg/km (Approx.)	Standard length m/drum
				d mm (Approx.)	D mm (Approx.)	H mm (Approx.)		
0.4 (26 AWG)	3	6.35	1.5	9.4	7.9	20.3	285	1,000
	5	6.35	1.5	9.4	8.6	21.0	290	1,000
	10	6.35	1.5	9.4	9.5	21.9	310	1,000
	15	6.35	1.5	9.4	10.5	22.8	330	1,000
	20	6.35	1.5	9.4	11.2	23.6	350	1,000
	25	6.35	1.5	9.4	11.9	24.3	370	1,000
	30	6.35	1.5	9.4	12.6	25.0	390	1,000
	50	6.35	1.5	9.4	14.7	27.1	468	1,000
	75	6.35	1.5	9.4	16.8	29.2	550	1,000
	100	6.35	1.5	9.4	18.6	31.0	630	1,000
	150	6.35	1.5	9.4	21.6	34.0	795	500
	200	6.35	1.5	9.4	24.5	36.9	950	500
	300	6.35	1.8	10.0	29.4	42.4	1,310	500
0.5 (24 AWG)	400	6.35	1.8	10.0	33.0	46.0	1,625	500
	600	6.35	2.0	10.4	40.0	53.4	2,285	500
	3	6.35	1.5	9.4	8.6	21.0	290	1000
	5	6.35	1.5	9.4	9.4	21.8	305	1,000
	10	6.35	1.5	9.4	10.6	23.0	335	1,000
15	6.35	1.5	9.4	11.9	24.3	365	1,000	
20	6.35	1.5	9.4	12.9	25.3	395	1,000	

Conductor diameter mm (Nominal)	Number of pairs P	Support messenger diameter mm (Approx.)	Thickness of sheath mm (Nominal)	Overall dimension			Cable weight kg/km (Approx.)	Standard length m/drum
				d mm (Approx.)	D mm (Approx.)	H mm (Approx.)		
0.5 (24 AWG)	25	6.35	1.5	9.4	13.8	26.2	425	1,000
	30	6.35	1.5	9.4	14.6	27.0	455	1,000
	50	6.35	1.5	9.4	17.3	29.7	565	1,000
	75	6.35	1.5	9.4	19.9	32.3	690	1,000
	100	6.35	1.5	9.4	22.2	34.6	820	1,000
	150	6.35	1.5	9.4	26.4	38.8	1,075	500
	200	6.35	1.8	10.0	30.2	43.2	1,355	500
	300	6.35	2.0	10.4	36.2	49.6	1,875	500
	400	6.35	2.0	10.4	41.2	54.6	2,370	500
600	6.35	2.3	11.0	50.4	64.4	3,385	350	
0.65 (22 AWG)	3	6.35	1.5	9.4	9.4	21.8	305	1,000
	5	6.35	1.5	9.4	10.4	22.8	320	1,000
	10	6.35	1.5	9.4	12.2	24.6	375	1,000
	15	6.35	1.5	9.4	13.7	26.1	420	1,000
	20	6.35	1.5	9.4	15.0	27.4	460	1,000
	25	6.35	1.5	9.4	16.2	28.6	510	1,000
	30	6.35	1.5	9.4	17.2	29.6	550	1,000
	50	6.35	1.5	9.4	20.7	33.1	715	1,000
	75	6.35	1.5	9.4	24.5	36.9	920	1,000
	100	6.35	1.8	10.0	28.0	41.0	1,150	500
	150	6.35	1.8	10.0	33.0	46.0	1,545	500
	200	6.35	2.0	10.4	38.1	51.5	1,970	500
	300	6.35	2.3	11.0	45.7	59.7	2,790	350
	400	6.35	2.3	11.0	51.5	65.5	3,560	250
600	6.35	2.8	12.0	62.3	77.3	5,175	200	
0.9 (19 AWG)	3	6.35	1.5	9.4	11.0	23.4	335	1,000
	5	6.35	1.5	9.4	12.5	24.9	375	1,000
	10	6.35	1.5	9.4	15.5	27.9	465	1,000
	15	6.35	1.5	9.4	17.2	29.6	545	1,000
	20	6.35	1.5	9.4	19.1	31.5	630	1,000
	25	6.35	1.5	9.4	20.7	33.1	715	1,000
	30	6.35	1.5	9.4	22.2	34.6	795	1,000
	50	6.35	1.8	10.0	28.1	41.1	1,150	500
	75	6.35	1.8	10.0	32.9	45.9	1,565	500
	100	6.35	2.0	10.4	38.2	51.6	1,955	500
	150	6.35	2.0	11.0	47.1	61.6	2,830	500
	200	6.35	2.3	11.0	53.1	67.1	3,595	500
	300	6.35	2.5	11.4	61.8	76.2	5,140	250
	400	6.35	2.8	12.0	70.1	85.1	6,650	200
600	6.35	2.8	12.0	84.0	99.0	9,625	200	

Note :

1. BCC Specification No. : TEA 006/0208
2. ☆☆☆☆ : Year of manufacture
3. *.* : Diameter of conductor
4. ☆☆ : Number of pairs