

AP(8) : FIGURE 8 AL-PE SHEATHED CABLE

APPLICATION :

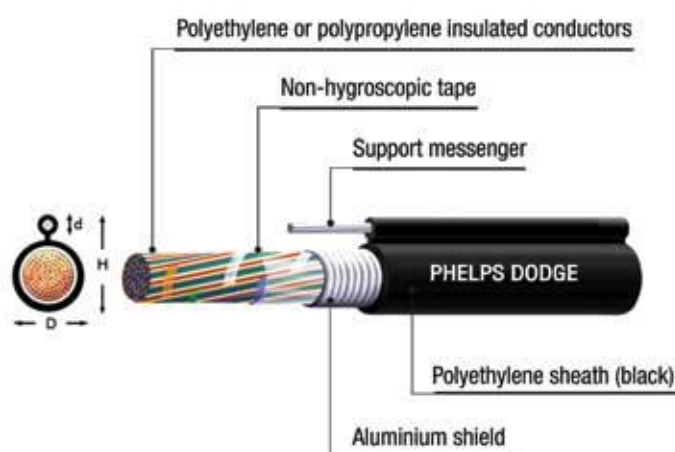
For exchange area telephone distribution lines, it is designed, especially for aerial installation by using the support messenger.

STANDARD :



TIS 2434-2552 / TOT

TIS 2434-2552



CONSTRUCTION :

Conductor	:	0.4, 0.5, 0.65 or 0.9 mm annealed copper, solid
Insulation	:	Polyethylene or Polypropylene
Pairs	:	Two insulated conductors twisted
Lay-up	:	Unit construction for cables more than 25 pairs. Concentric for cables up to 25 pairs.
Core-covering	:	Non-hygroscopic tape with a high dielectric strength
Shield	:	Plastic coated Aluminium tape, thickness 0.2 mm laid on with overlap. The aluminium tape is corrugated for every size of cables.
Support	:	7/2.03 mm extra high strength grade messenger galvanized steel wire, breaking load 29,581 N (3,016 Kg).
Sheath	:	Polyethylene (Black)
Web Width	:	2.5 mm Nominal
Web Height	:	3.0 mm Nominal

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Conductor (mm)	Number of pairs	Product code	Support messenger wire diameter (mm)	Nominal sheath thickness (mm)		Approximate overall diameter (mm)			Approximate cable weight (kg/km)	Standard length (m)
				Support messenger	Cable core	d	D	H		
0.4	5	26 AP (8) 005	2.03	1.5	1.5	9.1	8.5	20.5	250	1,000/R
	6	26 AP (8) 006	2.03	1.5	1.5	9.1	9.0	21.0	260	1,000/R
	10	26 AP (8) 010	2.03	1.5	1.5	9.1	9.5	21.5	270	1,000/R
	12	26 AP (8) 012	2.03	1.5	1.5	9.1	10.0	22.0	280	1,000/R
	15	26 AP (8) 015	2.03	1.5	1.5	9.1	10.5	22.5	290	1,000/R
	20	26 AP (8) 020	2.03	1.5	1.5	9.1	11.0	23.5	310	1,000/R
	25	26 AP (8) 025	2.03	1.5	1.5	9.1	12.0	24.0	330	1,000/R
	30	26 AP (8) 030	2.03	1.5	1.5	9.1	12.5	24.5	350	1,000/R
	40	26 AP (8) 040	2.03	1.5	1.5	9.1	13.5	25.5	390	1,000/R
	50	26 AP (8) 050	2.03	1.5	1.5	9.1	14.5	26.5	410	1,000/R
	75	26 AP (8) 075	2.03	1.5	1.5	9.1	16.5	28.5	490	1,000/R
	100	26 AP (8) 100	2.03	1.5	1.5	9.1	18.0	30.0	570	1,000/R
	150	26 AP (8) 150	2.03	1.5	1.5	9.1	21.0	33.0	730	1,000/R
	200	26 AP (8) 200	2.03	1.5	1.5	9.1	23.5	36.0	880	500/R
	300	26 AP (8) 300	2.03	1.5	1.5	9.1	27.5	39.5	1,220	500/R
	400	26 AP (8) 400	2.03	1.8	1.8	9.7	31.5	44.0	1,490	500/R
0.5	5	24 AP (8) 005	2.03	1.5	1.5	9.1	9.5	21.5	260	1,000/R
	6	24 AP (8) 006	2.03	1.5	1.5	9.1	9.5	22.0	265	1,000/R
	10	24 AP (8) 010	2.03	1.5	1.5	9.1	11.0	23.0	290	1,000/R
	12	24 AP (8) 012	2.03	1.5	1.5	9.1	11.5	23.5	310	1,000/R
	15	24 AP (8) 015	2.03	1.5	1.5	9.1	12.0	24.0	330	1,000/R
	20	24 AP (8) 020	2.03	1.5	1.5	9.1	13.0	25.0	350	1,000/R
	25	24 AP (8) 025	2.03	1.5	1.5	9.1	14.0	26.0	380	1,000/R
	30	24 AP (8) 030	2.03	1.5	1.5	9.1	14.5	26.5	420	1,000/R
	40	24 AP (8) 040	2.03	1.5	1.5	9.1	16.0	28.0	470	1,000/R
	50	24 AP (8) 050	2.03	1.5	1.5	9.1	17.0	29.0	510	1,000/R
	75	24 AP (8) 075	2.03	1.5	1.5	9.1	19.5	31.5	630	1,000/R
	100	24 AP (8) 100	2.03	1.5	1.5	9.1	22.5	34.5	760	1,000/R
	150	24 AP (8) 150	2.03	1.5	1.5	9.1	26.0	38.0	1,000	500/R
	200	24 AP (8) 200	2.03	1.8	1.8	9.7	29.5	42.5	1,260	500/R
	300	24 AP (8) 300	2.03	1.8	1.8	9.7	34.5	47.5	1,720	350/R

R = Packing in reel

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Conductor (mm)	Number of pairs	Product code	Support messenger wire diameter (mm)	Nominal sheath thickness (mm)		Approximate overall diameter (mm)			Approximate cable weight (kg/km)	Standard length (m)
				Support messenger	Cable core	d	D	H		
0.65	5	22 AP (8) 005	2.03	1.5	1.5	9.1	10.5	22.5	280	1,000/R
	6	22 AP (8) 006	2.03	1.5	1.5	9.1	11.0	23.0	290	1,000/R
	10	22 AP (8) 010	2.03	1.5	1.5	9.1	12.5	24.5	320	1,000/R
	12	22 AP (8) 012	2.03	1.5	1.5	9.1	13.0	25.0	350	1,000/R
	15	22 AP (8) 015	2.03	1.5	1.5	9.1	13.5	26.0	380	1,000/R
	20	22 AP (8) 020	2.03	1.5	1.5	9.1	15.0	27.0	420	1,000/R
	25	22 AP (8) 025	2.03	1.5	1.5	9.1	16.0	28.0	450	1,000/R
	30	22 AP (8) 030	2.03	1.5	1.5	9.1	17.0	29.0	510	1,000/R
	40	22 AP (8) 040	2.03	1.5	1.5	9.1	19.0	31.0	590	1,000/R
	50	22 AP (8) 050	2.03	1.5	1.5	9.1	20.5	32.5	650	1,000/R
	75	22 AP (8) 075	2.03	1.5	1.5	9.1	24.0	36.5	850	500/R
	100	22 AP (8) 100	2.03	1.5	1.5	9.1	27.0	39.0	1,040	500/R
	150	22 AP (8) 150	2.03	1.8	1.8	9.7	32.0	45.0	1,430	500/R
	200	22 AP (8) 200	2.03	2.0	2.0	10.1	36.5	49.5	1,820	350/R
	300	22 AP (8) 300	2.03	2.0	2.0	10.1	43.5	56.5	2,570	250/R
0.9	5	19 AP (8) 005	2.03	1.5	1.5	9.1	12.5	24.5	330	1,000/R
	6	19 AP (8) 006	2.03	1.5	1.5	9.1	13.0	25.0	350	1,000/R
	10	19 AP (8) 010	2.03	1.5	1.5	9.1	15.0	27.5	410	1,000/R
	12	19 AP (8) 012	2.03	1.5	1.5	9.1	16.0	28.0	450	1,000/R
	15	19 AP (8) 015	2.03	1.5	1.5	9.1	17.5	29.5	500	1,000/R
	20	19 AP (8) 020	2.03	1.5	1.5	9.1	19.0	31.0	580	1,000/R
	25	19 AP (8) 025	2.03	1.5	1.5	9.1	20.5	33.0	650	1,000/R
	30	19 AP (8) 030	2.03	1.5	1.5	9.1	22.5	35.0	770	1,000/R
	40	19 AP (8) 040	2.03	1.5	1.5	9.1	25.5	37.5	920	1,000/R
	50	19 AP (8) 050	2.03	1.5	1.5	9.1	27.5	39.5	1,040	500/R
	75	19 AP (8) 075	2.03	1.8	1.8	9.7	33.0	45.5	1,430	500/R
	100	19 AP (8) 100	2.03	2.0	2.0	10.1	37.0	50.5	1,810	350/R
	150	19 AP (8) 150	2.03	2.0	2.0	10.1	44.5	57.5	2,570	250/R
	200	19 AP (8) 200	2.03	2.3	2.3	10.7	51.0	64.5	3,440	250/R

R = Packing in reel