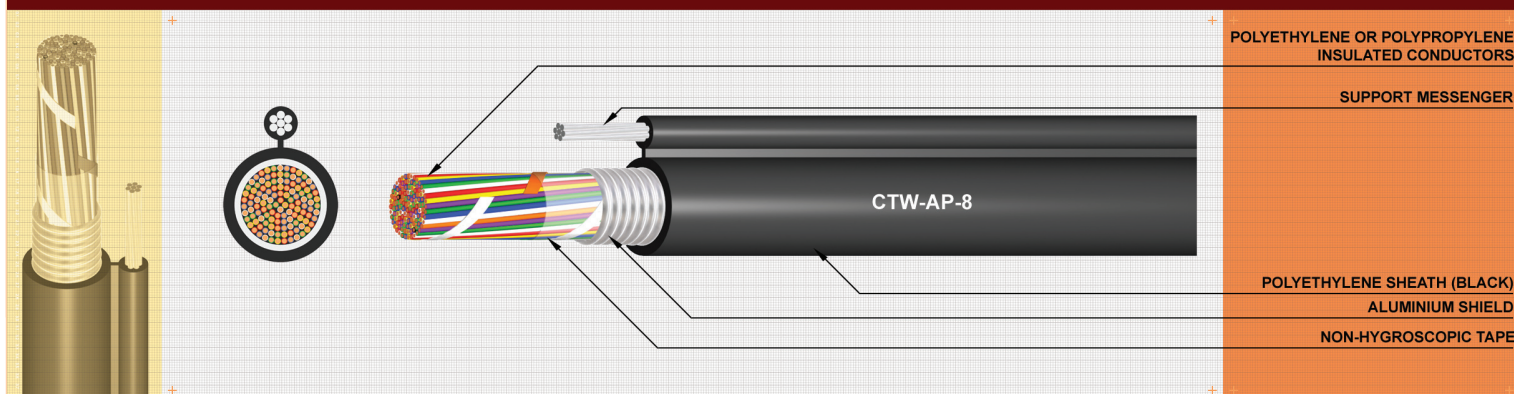




CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : **CTW - AP- 8**

TELEPHONE AND COMMUNICATION CABLE ALPETH SHEATHED CABLE (AP-8)



APPLICATION

Self-supporting ALPETH Cable, also referred to as “figure eight” cable, is specifically designed for pole-to-pole and pole-to-building applications. Self-Supporting Cable can be used in locations which normally corrode a bare steel strand, such as industrial or coastal area.

CONSTRUCTION

Conductor	Size: 0.4, 0.5, 0.65, and 0.9 mm. , solid annealed copper.
Insulation	Solid high density polyethylene or polypropylene. and colour code in accordance with telephone standard.
Twisted pair	Individual conductor twisted into pairs with varying twist to minimize crosstalk, and specified colour combinations to provide pair identification.
Core assembly	Assembly in unit, each individually identified by colour code units binders. (Unit construction for cables more than 25 pairs. Concentric for cables up to 25 pairs)
Core wrap	Non-hygroscopic dielectric tape applied longitudinally with an overlap.
Shielding system	Plastic coated aluminum tape. covered by corrugated bare thickness 0.2 mm. Laid on with overlap., applied longitudinally over the core wrap.
Steel strand	The steel messenger seven wires extra high strength galvanized steel wire flooded with elastomer combined with asphalts, plasticizers and fillers. The minimum breaking strength is 29.58 kN.
Sheath	Black, low density polyethylene. with web which hold the cable and strand together forming “figure eight” cross section area.
Identification	: Manufacture’s name, year of manufacture, Type of cable, Size and number of pair.
Marking Length	: Option.

