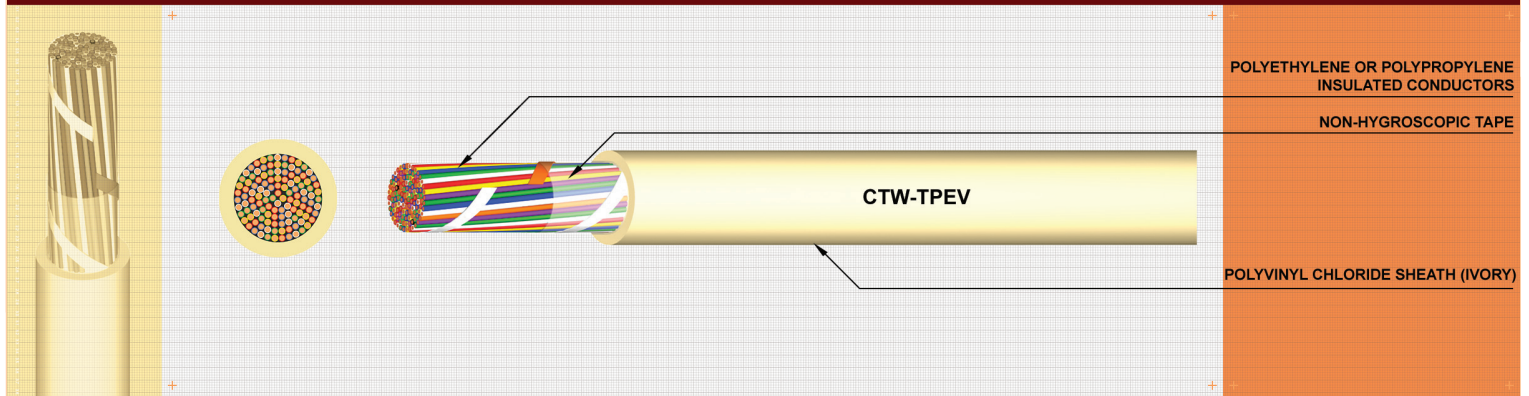




# CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

## CABLE TYPE : **CTW - TPEV**

TELEPHONE AND COMMUNICATION CABLE TPEV : PE SHEATHED AND PVC INSULATED



### APPLICATION

For connecting subscriber in side the building.

### CONSTRUCTION

<b>Conductor</b>	Size: 0.5 and 0.65 mm., solid wire annealed copper.
<b>Insulation</b>	Solid high density polyethylene or polypropylene. and colour code in accordance with telephone standard.
<b>Twisted pair</b>	Individual conductor twisted into and specified colour combinations to provide pair identification.
<b>Core assembly</b>	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)
<b>Core Wrap</b>	Non-hygroscopic dielectric tape applied longitudinally with an overlap.
<b>Sheath</b>	Ivory colour, Polyvinyl chloride (PVC).

**Identification** : Manufacture's name, year of manufacture, Type of cable, Size and number of pair.

**Marking Length** : Option

### ELECTRICAL CHARACTERISTIC TYPE : T P E V

<b>Conductor Size</b>	mm.	0.5	0.65
<b>Max. D.C. conductor resistance at 20°C</b>	$\Omega$ /km.	90.2	57.1
<b>Dielectric strength between conductor (AT 50 Hz)</b>	kVdc at 3 Sec.	3	
<b>Min. Insulation resistance at 20°C</b>	M $\Omega$ -km.	16,000	

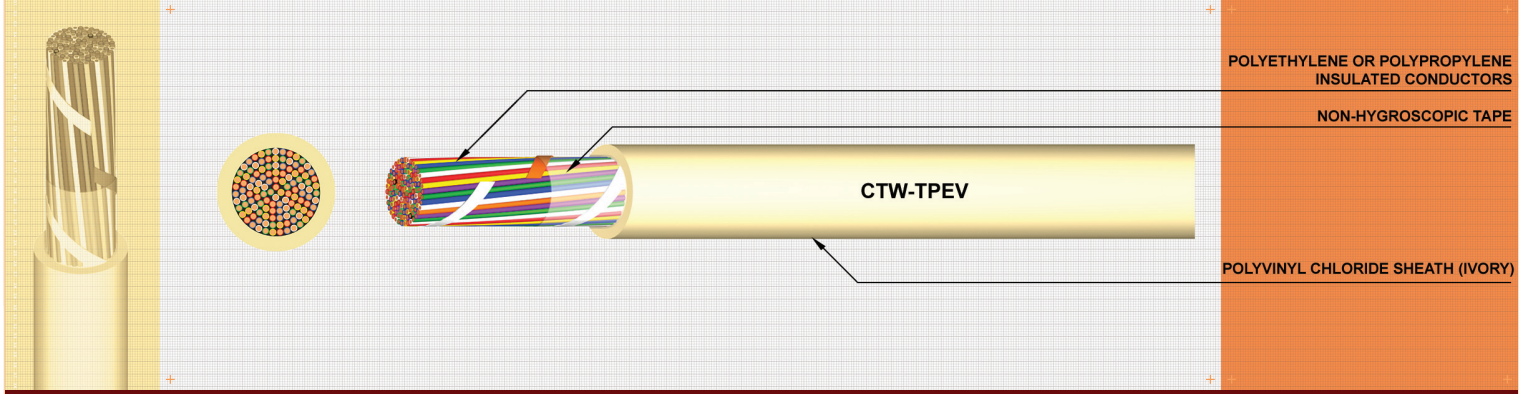




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### TYPE : TPEV

<b>CTW - TPEV (0.65 mm)</b>		Number of pairs	Nominal insulation thickness (mm.)	Nominal sheath thickness (mm.)	Approximate overall diameter (mm.)	Approximate cable weight (mm.)	Standard length (m.)
PRODUCT Code	SIZE (mm.)						
T16060004	0.65	4	0.25	1.6	8.0	75	1,000/R
T16060006		6	0.25	1.6	9.0	95	1,000/R
T16060010		10	0.25	1.6	10.5	140	1,000/R
T16060012		12	0.25	1.6	11.0	155	1,000/R
T16060025		25	0.25	1.6	15.0	275	1,000/R
T16060050		50	0.25	1.6	19.0	490	1,000/R
T16060100		100	0.25	1.6	26.0	905	500/R
T16060150		150	0.25	1.6	31.0	1,310	500/R
T16060200		200	0.25	1.6	35.0	1,700	300/R
T16060300		300	0.25	1.6	42.0	2,485	200/R

C = Packing in coil  
R = Packing in reel