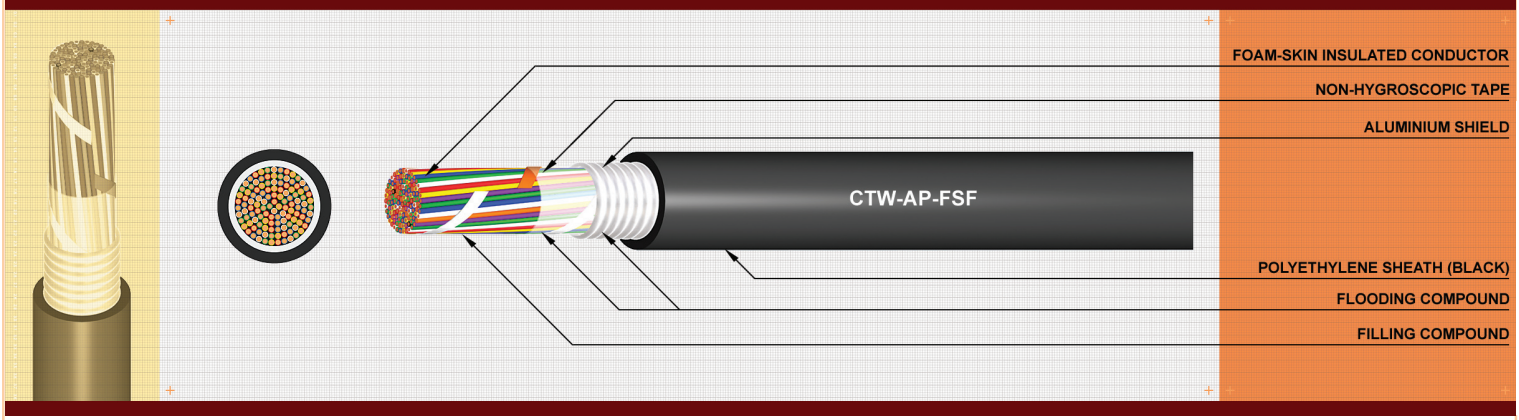
CHAROONG THAI WIRE & CABLE PUBLIC COMPANY LIMITED

CABLE TYPE : **CTW - AP- FSF**

TELEPHONE AND COMMUNICATION CABLE FOAM/SKIN INSULATED ALPETH SHEATHED CABLE (AP-FSF)



APPLICATION

General use in buried distribution and exchange feeder plant environments. Also, suitable for short runs in industrial duct and conduit. Filled Alpeth Cable maintains the integrity o the buried plant through improved water resistance.

CONSTRUCTION

Conductor	Size: 0.4, 0.5, 0.65, and 0.9 mm. , solid annealed copper.
Insulation	Dual expanded foam/skin polyethylene or polypropylene insulated
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.
Filling compound	The core assembly is filled compound, completely filling the interstices between the pairs and under core wrap
Shielding system	Plastic coated aluminum tape. thickness 0.2 mm. Laid on with overlap., applied longitudinally over the core wrap.
Flooding compound	The interstices between core warp and shielding and sheath are filled with flooding compound.
Sheath	Black, low density polyethylene.

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

Marking Length : Option

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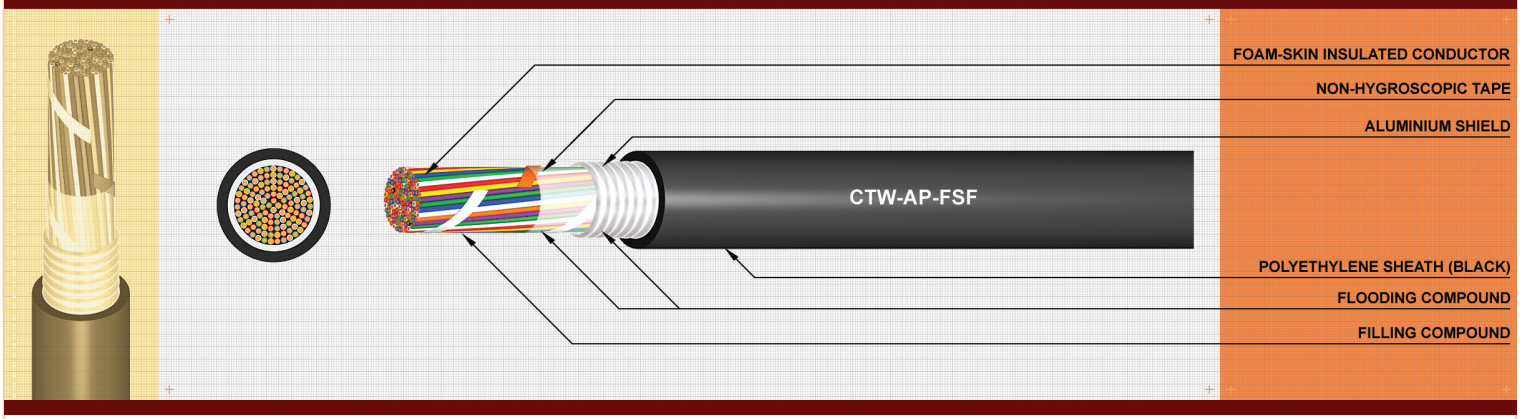

TYPE : AP-FSF

CTW - AP-FSF (0.4 mm)		Number of pair	Nominal sheath thickness	Approximate overall diameter	Approximate cable weight	Standard length
PRODUCT Code	SIZE (mm.)		(mm.)	(mm.)	(kg/km.)	(m.)
T13040025	0.4	25	1.5	13.0	175	1,000/R
T13040050		50	1.5	16.0	275	1,000/R
T13040100		100	1.5	19.0	465	1,000/R
T13040200		200	1.5	25.0	830	1,000/R
T13040300		300	1.8	30.0	1,215	500/R
T13040400		400	1.8	33.0	1,565	500/R
T13040600		600	2.0	40.0	2,295	500/R
T13040900		900	2.3	48.0	3,390	200/R
T13041200		1,200	2.5	54.0	4,465	200/R
T13041500		1,500	2.5	60.0	5,500	200/R
T13041800		1,800	2.8	66.0	6,590	200/R
T13042100		2,100	2.8	70.0	7,620	200/R
T13042400		2,400	2.8	74.0	8,645	200/R
T13042700		2,700	2.8	78.0	9,675	200/R
T13043000		3,000	2.8	82.0	10,690	200/R

C = Packing in coil
R = Packing in reel

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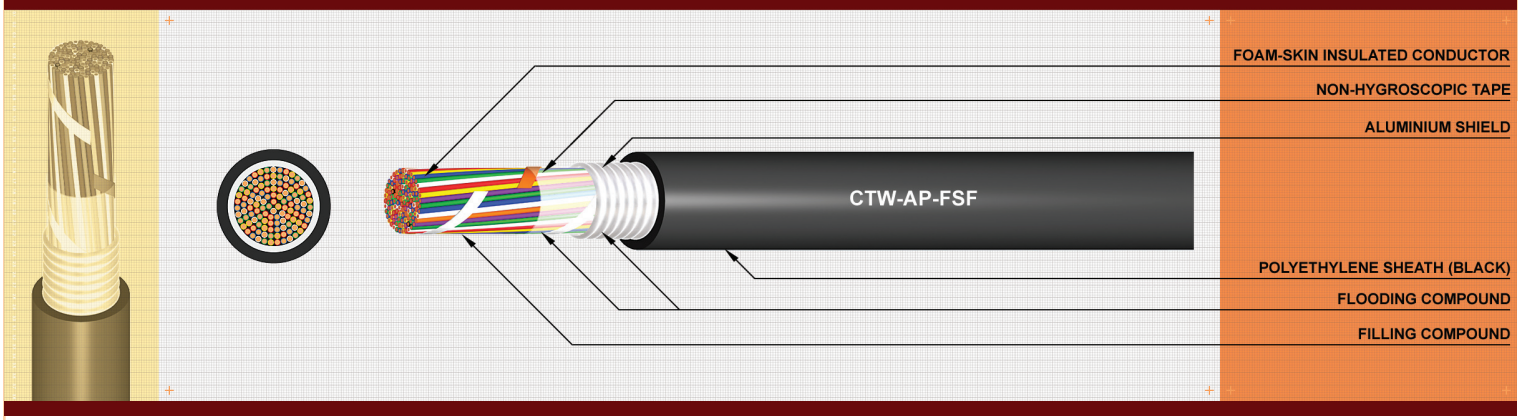

TYPE : AP-FSF

CTW - AP-FSF (0.5 mm)		Number of pair	Nominal sheath thickness	Approximate overall diameter	Approximate cable weight	Standard length
PRODUCT Code	SIZE (mm.)		(mm.)	(mm.)	(kg/km.)	(m.)
T13050025	0.5	25	1.5	15.0	240	1,000/R
T13050050		50	1.5	18.0	395	1,000/R
T13050100		100	1.5	23.5	700	1,000/R
T13050200		200	1.8	32.0	1,305	500/R
T13050300		300	2.0	38.0	1,900	500/R
T13050400		400	2.0	42.0	2,470	350/R
T13050600		600	2.3	50.0	3,650	250/R
T13050900		900	2.5	60.0	5,360	200/R
T13051200		1,200	2.8	69.0	7,110	200/R
T13051500		1,500	2.8	76.0	8,775	200/R
T13051800		1,800	2.8	82.0	10,445	200/R
T13052100		2,100	2.8	88.0	12,095	200/R

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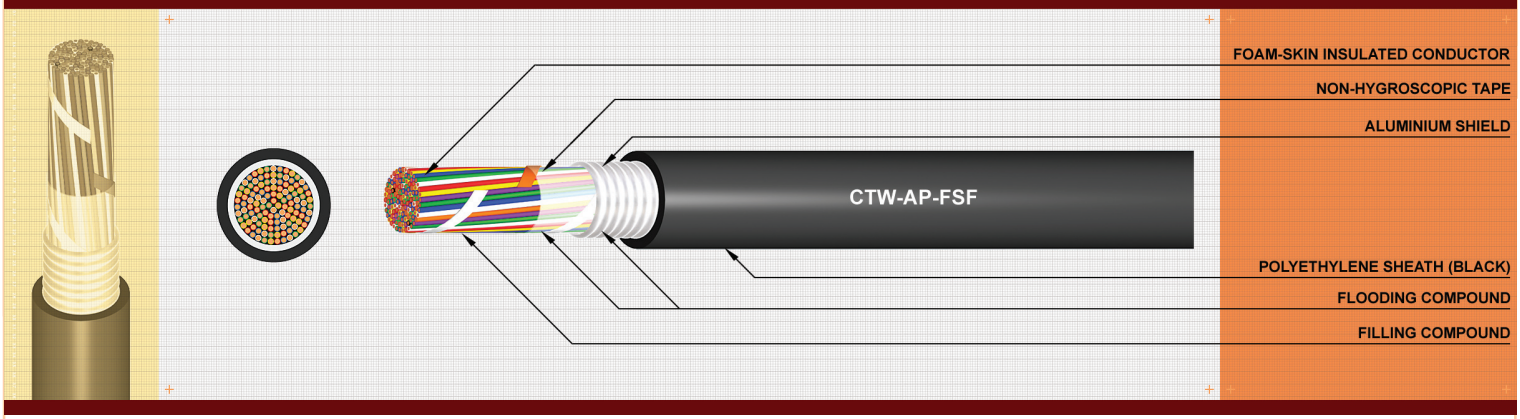

TYPE : AP-FSF

CTW - AP-FSF (0.65 mm)		Number of pair	Nominal sheath thickness	Approximate overall diameter	Approximate cable weight	Standard length
PRODUCT Code	SIZE (mm.)		(mm.)	(mm.)	(kg/km.)	(m.)
T13060010	0.65	10	1.5	13.0	175	1,000/R
T13060025		25	1.5	17.0	325	1,000/R
T13060050		50	1.5	22.0	560	1,000/R
T13060100		100	1.8	29.0	1,040	500/R
T13060200		200	2.0	38.0	1,950	250/R
T13060300		300	2.0	44.0	2,835	250/R
T13060400		400	2.3	51.0	3,745	200/R
T13060600		600	2.5	61.0	5,530	200/R
T13060900		900	2.8	73.0	8,180	200/R
T13061200		1,200	2.8	83.0	10,780	200/R

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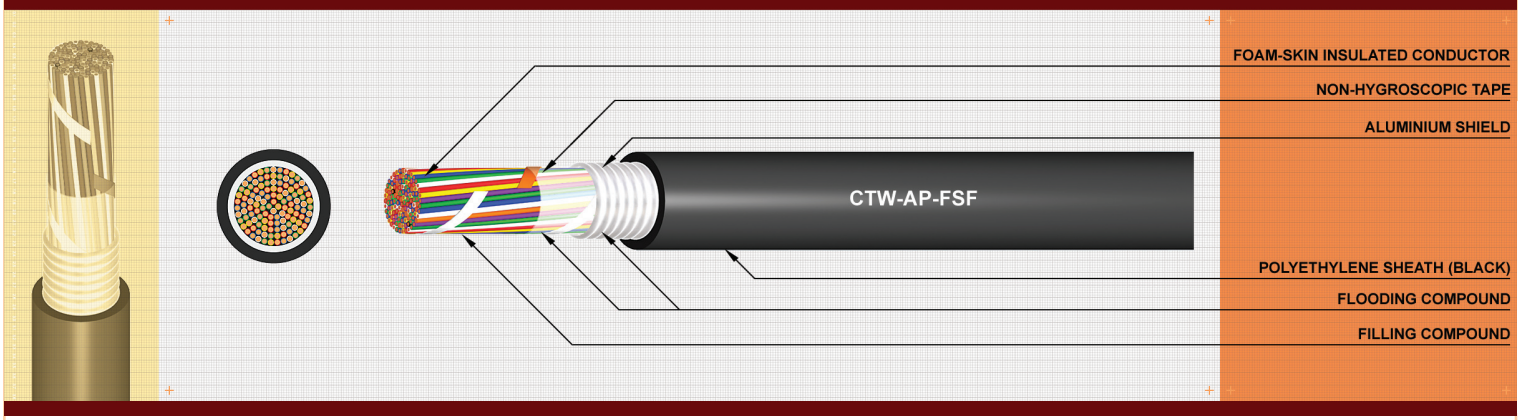

TYPE : AP-FSF

CTW - AP-FSF (0.9 mm)		Number of pair	Nominal sheath thickness	Approximate overall diameter	Approximate cable weight	Standard length
PRODUCT Code	SIZE (mm.)		(mm.)	(mm.)	(kg/km.)	(m.)
T13090010	0.9	10	1.5	16.0	280	1,000/R
T13090025		25	1.5	22.0	565	1,000/R
T13090050		50	1.8	29.0	1,050	500/R
T13090100		100	2.0	38.0	1,970	500/R
T13090200		200	2.3	51.0	3,785	250/R
T13090300		300	2.5	61.0	5,570	200/R
T13090400		400	2.8	70.0	7,380	200/R
T13090600		600	2.8	84.0	10,780	200/R

C = Packing in coil
R = Packing in reel