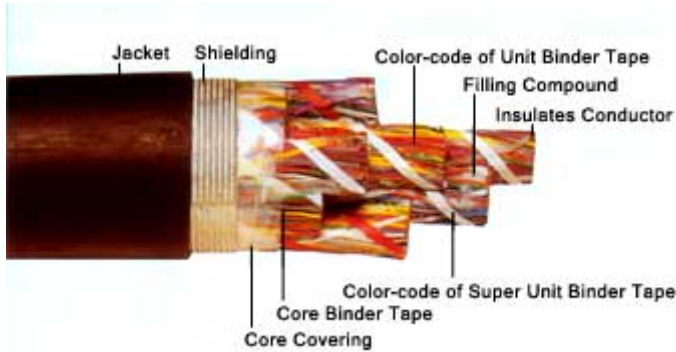


**FOAM/SKIN
INSULATION ALPETH
SHEATHED, FILLED CABLE**

AP-FSF



GENERAL

This cable is designed for use as a duct cable in either exchange area service or trunk service. The cable is foam-skin Polyethylene insulated, fully color coded, and fully filled with a filling compound to prevent the penetration and migration of water.

CONSTRUCTION

Conduction : Solid annealed bare copper wire, 0.40, 0.50, 0.65 and 0.90 mm (26, 24, 22, 19 AWG) in size.

Insulation : Color coded foam/skin high density polyethylene.

Twisted Pairs : The insulated conductors are twisted into pairs with specified color combinations to provide pairs identification

Cable Assembly : Cables having 25 or fewer pairs : The pairs are assembled in a single group. Cables having more than 25 pairs : The pairs are assembled in units, each unit being identifiable by color coded unit binders.

Identification Tape : A tape, indelibly marked with the following details, shall be laid over the cable core or under the outer lapping tape

(nonhygroscopic dielectric material)

a. Manufactures Name

b. Year of Manufacture (Duration of two years)

Or the marking shall be printed on the outer lapping tape. The marking shall appear at intervals not more than 50 cm throughout the cable length.

Filling Compound : The interstices between the pairs are filled with a filling compound.

Core covering : Nonhygroscopic dielectric tape.

Shielding : A corrugated polyethylene coated 0.2 mm aluminum tape is applied longitudinally with overlap. The tape is flooded with a flooding compound.

Jacket : High molecular weight, low or medium density polyethylene colored black,.

Length Marker : Each length of cable shall be permanently Identified as, manufacturer name, year of manufacturer, type and size of cable, and sequentially numbered length. The marking shall be printed on the outer jacket. An alternate method of marking may be used if acceptable to the Client.

OPTION AND OTHER CONSTRUCTIONS

Cables with an inner jacket, with a compartmental screening tape. Cables having a plastic-coated aluminum shield bonded to the jacket are available. Cables of other conductor size or having other mutual capacitance than shown in this catalogue are available on request.

No. Of Pair nominal	Conductor Diameter : 0.4 mm		Conductor Diameter : 0.5 mm		Conductor Diameter : 0.65 mm		Conductor Diameter : 0.9 mm	
	Over all Dia. Approx(mm)	Standard Length	Over all Dia. Approx(mm)	Standard Length	Over all Dia. Approx(mm)	Standard Length	Over all Dia. Approx(mm)	Standard Length
10	9	1000	87	1000	11	1000	15	1000
15	10	1000	11	1000	12	1000	16	1000
25	11	1000	13	1000	13	1000	17	1000
50	14	1000	17	1000	15	1000	21	1000
100	18	1000	21	1000	20	1000	28	500
200	24	1000	29	1000	23	1000	33	500
300	29	1000	35	1000	26	500	38	500
400	32	1000	39	500	36	500	52	500
600	38	500	47	500	43	500	63	500
900	46	500	56	500	49	500	72	500
1200	53	500	65	500	59	500	86	500
1500	59	500	72	500	71	500	-	-
1800	64	500	78	500	81	500	-	-
2100	69	500	83	500	-	-	-	-
2400	73	500	-	-	-	-	-	-
2700	77	500	-	-	-	-	-	-
3000	81	500	-	-	-	-	-	-