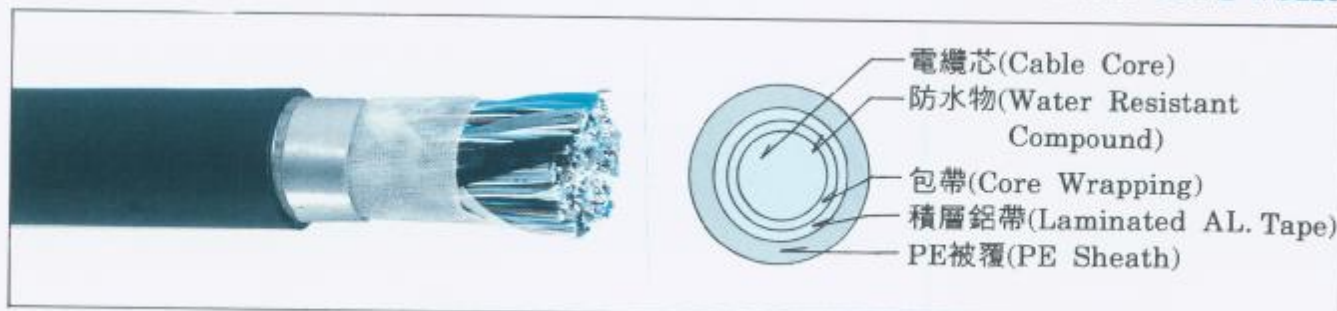


發泡、充實聚乙烯雙層絕緣充膠積層被覆(FS-JF-LAP)市内電纜

FOAM-SKIN POLYETHYLENE INSULATED JELLY FILLED MOISTURE BARRIER SHEATHED LOCAL CABLES



本電纜係發泡、充實聚乙烯雙層絕緣充膠型電纜，用作市内電信地下線路，簡稱FS-JF-LAP市内電纜，其特點為防水性佳，氣密性優，抗蝕性，絕緣性良好，增加電纜之安全性及壽命。

構造概要

- 導體：**軟銅單線，0.4、0.5、0.65mm。
- 絕緣：**彩色發泡、充實聚乙烯。
- 星絞：**四條心線絞合而成。
- 集合：**(1)200對以下：五個星絞均勻絞合成-10對簇，每簇以著色塑膠帶疏捲，各簇再集成成電纜芯，同層之簇須以同方向同時間交互反轉(SZ)集合，或同一左向集合。
(2)300對以上：10對簇五個集成-50對簇，同層之10對簇須以同方向同時間交互反轉(SZ)集合或同一左向集合，每50對簇以著色塑膠帶疏捲，各簇再集成成電纜芯。
- 包捲帶：**不織帶、紙帶或布帶。
- 充膠：**防水混合物。
- 積層被覆：**於包捲帶上縱包積層鋁帶，外用黑色聚乙烯緊密被覆形成積層被覆(簡稱LAP)電纜。

註：1.電氣性能詳見第7頁。
2.電纜之集合排列圖詳見第10頁。

This cable is used for junction or subscriber distribution network in local exchange area and usually direct burial or underground (duct) application. The cable is insulated full color coding with an extruded foam-skin insulating high-density polyethylene compound in the air space to water resistant filling compound.

CONSTRUCTION

Conductor:

Solid annealed copper wire size 0.4mm to 0.65mm.

Insulation:

Foam-skin polyethylene.

Quadding:

Four insulated conductors are twisted into a star quad.

Cable Formation:

(1)200 pair and less:

Five quads shall be stranded into a 10 pair unit, and binding with color tape. The units are stranded into a compact and circular cable core according to specification.

(2)300 pair and more:

Five 10 pair unit shall be stranded into a 50 pair super-unit, and binding with color tape. The super-units are stranded into a compact and circular cable core according to specification.

Core Wrapping:

A Non-hygroscopic tape.

Filling compound:

Water resistant filling compound.

LAP Sheath:

The copolymer coated aluminum screen is longitudinally folded around the cable core and sealed at overlap during extrusion of polyethylene outer sheath.

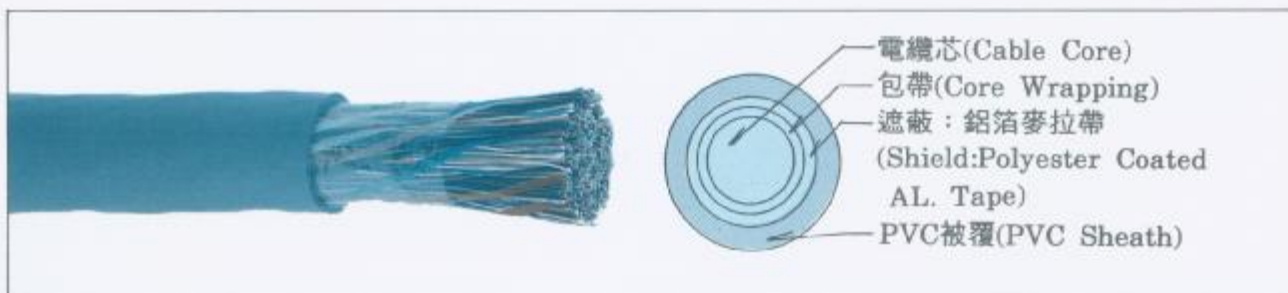
Note: 1. Electrical characteristics please refer to page 7.

2. Figure of the cable formation please refer to page 10.

電纜尺寸 Cable Dimension

線 徑 Conductor diameter	對 數 Number of pairs	絕緣厚度 Insulation Thickness	積層被覆 厚 度 LAP sheath Thickness	完成外徑 Overall Diameter	概算重量 Approx. Weight	標準長度 Standard Length
(mm)	(P)	(mm)	(mm)	(mm)	(Kg/M)	(M)
0.4	10	0.13	1.7	9	0.09	500
	20	0.13	1.7	11	0.13	500
	30	0.13	1.7	12	0.18	500
	50	0.13	1.7	14	0.25	500
	100	0.13	1.7	18	0.44	500
	200	0.13	1.7	24	0.80	500
	300	0.13	1.9	28	1.15	500
	400	0.13	2.0	33	1.60	500
	600	0.13	2.2	39	2.27	500
0.5	10	0.15	1.7	10	0.11	500
	20	0.15	1.7	12	0.18	500
	30	0.15	1.7	14	0.24	500
	50	0.15	1.7	16	0.35	500
	100	0.15	1.7	21	0.63	500
	200	0.15	1.8	27	1.16	500
	300	0.15	2.0	34	1.67	500
	400	0.15	2.1	39	2.30	500
	600	0.15	2.3	45	3.20	500
0.65	10	0.20	1.7	12	0.16	500
	20	0.20	1.7	15	0.28	500
	30	0.20	1.7	17	0.36	500
	50	0.20	1.7	20	0.54	500
	100	0.20	1.8	27	1.00	500
	200	0.20	2.0	36	1.85	500
	300	0.20	2.2	42	2.76	500
	400	0.20	2.3	48	3.80	500
	600	0.20	2.6	57	5.40	345

聚乙烯絕緣聚氯乙烯被覆(PE-PVC)屋內電纜 POLYETHYLENE INSULATED POLYVINYL CHLORIDE SHEATHED INDOOR CABLES



本電纜係彩色聚乙烯(PE)絕緣聚氯乙烯(PVC)被覆之簇型星絞電纜，用於建築物內電信配線，簡稱PE-PVC屋內電纜，其特點安全性佳。

構造概要

導體：軟銅單線，0.4、0.5mm。

絕緣：彩色PE絕緣。

星絞：四條心線絞合而成。

集合：(1)200對以下：五個星絞均勻絞合成-10對簇，每簇以著色塑膠帶疏捲，各簇再集成成電纜芯，同層之簇須以同方向同時間交互反轉(SZ)集合，或同一左向集合。
(2)300對以上：10對簇五個集成-50對簇，同層之10對簇須以同方向同時間交互反轉(SZ)集合或同一左向集合，每50對簇以著色塑膠帶疏捲，各層簇數，以同一右向集成成電纜芯。

包捲帶：自然色塑膠帶。

遮蔽：鋁箔聚脂帶。

外被：聚氯乙烯(PVC)。

註：電氣性能詳見第7頁。

This cable is used for building communication wiring applications. The cable is PE insulated unit quad PVC sheathed, abbreviate to PE-PVC indoor cable.

CONSTRUCTION

Conductor:

Solid annealed copper wire 0.4mm and 0.5mm.

Insulation:

Polyethylene.

Quadding:

Four insulated conductors are twisted into a star quad.

Cable Formation:

(1)200 pair and Less:

Five quads shall be stranded into a 10 pair unit, and binding with color tape. The unit are stranded into a compact and circular cable core according to specification.

(2)300 pair and more:

Five 10 pair unit shall be stranded into a 50 pair super-unit, and binding with color tape. The super-units are stranded into a compact and circular cable core according to specification.

Core Wrapping:

A Non-hygroscopic tape.

Shield:

Polyester coated a aluminum tape.

Sheath:

Polyvinyl chloride compound.

Note:

Electrical characteristics please refer to page 7.

電纜尺寸
Cable Dimension

線 徑 Conductor Diameter	對 數 Number of Pairs	絕緣厚度 Insulation Thickness	被覆厚度 Sheath Thickness	完成外徑 Overall Diameter	概算重量 Approx. Weight	標準長度 Standard Length
(mm)	(P)	(mm)	(mm)	(mm)	(Kg/Km)	(M)
0.4	6	0.13	1.3	7	52	500
	10	0.13	1.3	8	69	500
	20	0.13	1.3	9	109	500
	30	0.13	1.3	10	143	500
	50	0.13	1.4	13	218	500
	100	0.13	1.6	17	397	500
	200	0.13	1.9	22	746	500
	300	0.13	2.0	27	1076	500
	400	0.13	2.3	31	1427	500
	600	0.13	2.4	36	2061	500
0.5	6	0.15	1.3	8	67	500
	10	0.15	1.3	9	90	500
	20	0.15	1.3	10	146	500
	30	0.15	1.3	12	198	500
	50	0.15	1.4	15	309	500
	100	0.15	1.6	20	565	500
	200	0.15	2.0	26	1087	500
	300	0.15	2.1	31	1577	500
	400	0.15	2.4	36	2092	500
	600	0.15	2.5	43	3044	500