



發泡 PE 絕緣積層被覆波紋鋼帶鎧裝 (PEF-LAP-CSA) 長途電纜

應 用

本電纜具有良好之傳輸性能，如較低介電係數，較佳的高頻特性及降低對間串音，亦可使用於短距離的載波通訊系統。

結 構

導體－0.65～0.9mm 軟銅單線。

絕緣－發泡 PE。

顏色－標蹤型色碼。

電纜心－電纜心縱向包捲一層平滑積層鋁帶，並以含碳黑高分子量之 PE 作為被覆。

鎧裝－若情形需要電纜佈放於直埋幹線時，可用波紋鋼帶鎧裝保護電纜心線。

FOAM POLYETHYLENE INSULATED LAP SHEATHED CORRUGATED STEEL ARMORED TRUNK CABLES

APPLICTAION

This foamed polyethylene insulated toll cable provides excellent transmission characteristics, such as: low dielectric constant, good properties in high frequency and minimized crosstalk. It is ideally suited for short distance carrier communication systems.

CONSTRUCTION

Conductors: Solid annealed copper wire, in sizes 0.65mm and 0.9mm.

Insulation: Foamed polyethylene.

Color coding: Tracer type color coding.

Cable formation: The insulated conductors are twisted into quads. The quads are strand into cables.

LAP Sheath: The copolymer coated smooth aluminum screen is longitudinally folded around the cable core and sealed at the overlap. During extrusion of polyethylene outer sheath, the copolymer coating firmly bonds screen and sheath together producing an impervious moisture barrier around the cable core and a greater mechanical protection, both the copolymer coating and polyethylene sheath protect the aluminum screen from the corrosive and aging effects of the elements.

Armoring: If required, cables are armored with corrugated steel tape and protected with heat-stabilized polyethylene for direct burial.