



PE 絕緣充膠積層被覆 PCM 電纜

應用

本電纜係使用於高速率載波數位傳輸系統，其特點是以鋁帶將電纜心屏蔽為二部分，因此大大地改善了近端串音特性，適用於長途線路、中繼幹線。

結構

導體— 0.65 ~ 1.2mm 軟銅單線。

絕緣— 充實 PE 或發泡 PE。

顏色— 依據規格。

電纜心— 以對絞絞合型式集成簇型電纜心。

屏蔽— 電纜心以鋁帶屏蔽，可分為 D、S、Z 型三種。

充膠— 以防水混合物填充於心線間空隙。

積層被覆— 電纜縱向包捲積層鋁帶，並以含碳黑高分子量之 PE 作為被覆。

鎧裝— 若情形需要，電纜佈放於直埋線路可用鋼帶包捲電纜以保護心線。

PULSE CODE MODULATION CABLES

APPLICATION

This type of cable is designed for high speed PCM carrier employed as a digital transmission system for telephone trunk in metropolitan areas or intercity communication. A special designed metallic screening effectively divides the cable into two components isolating the cable pairs within provides improved near-end cross-talk characteristics which permitting 100% cable fill and maximum repeater spacing.

CONSTRUCTION

Conductors: Solid annealed copper wire, in sizes 0.65mm to 1.2mm.

Insulation: Heat-stabilized polyethylene or foamed polyethylene.

Color coding: According to specifications.

Cable formation: The insulated conductors are twisted into pairs, then stranded with internal screen into cable core.

Internal Screening: Concentric D, S or Z Type.

Filling: The interstices of cable core may be filled with petroleum jelly compound.

LAP Sheath: The copolymer coated aluminum screen is longitudinally folded around the cable core and sealed. This sheath provides outstanding protection against moisture permeation and greater mechanical protected.

Armoring and Protection: These type of cables may be armored with mild steel tape and protected with heat-stabilized polyethylene for direct burial.