



Caledonian

Telephone Cables

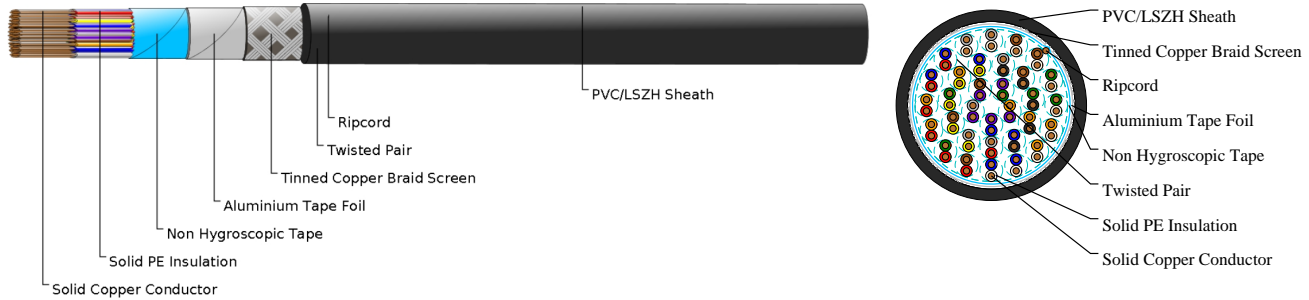
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SPECIAL TELEPHONE CABLES

ADSL Connecting Cables

TP576-2Y(St)Y-32P04-ADSL



APPLICATIONS

The cables are designed for ADSL transmission system. The cables are characterized by guaranteed data speeds up to 10MHz. The cables have a small cable diameter with an easily removable sheath.

STANDARDS

IEC 61156-1 Part 1

ANSI/ICEA S-80-576

CABLE CONSTRUCTION

Conductors: Solid annealed bare copper sized 0.4mm as per ASTM B-3/IEC 60228 Class 1.

Insulation: Solid polyethylene as per ASTM D 1248/IEC 60708.

Twisted Pairs: Insulated conductors are twisted into pairs with varying lays to minimize crosstalk.

Cable Core Assembly: The pairs are cabled in concentric layer to form the cable core.

Core Wrapping: One or more non-hygroscopic polyester tapes are helically or longitudinally laid with an overlap.

Screen: An aluminium polyester foil is applied in close contact with tinned copper braid screen.

Ripcord: Ripcord may be placed to facilitate sheath removal.

Sheath: PVC or LSZH compound.

COLOUR CODE

Standard colour code is per ANSI/ICEA S-80-576 given in Colour Code Chart.

PHYSICAL AND THERMAL PROPERTIES

Temperature range during operation (fixed state): -30°C – +70°C

Temperature range during installation (mobile state): -20°C – +50°C

Minimum bending radius: 10 x Overall Diameter

DIMENSION AND PARAMETERS

Caledonian Cable Code	No. of Pairs	Conductor Diameter	Nominal Insulation Thickness	Nominal Sheath Thickness	Nom. Overall Diameter	Approx. Weight
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		mm	mm	mm	mm	kg/km
TP576 -2Y(St)Y -32P04 -ADSL	32 / 4X4Q	0.4	0.2	0.9	12	180