



# Caledonian

Telephone Cables

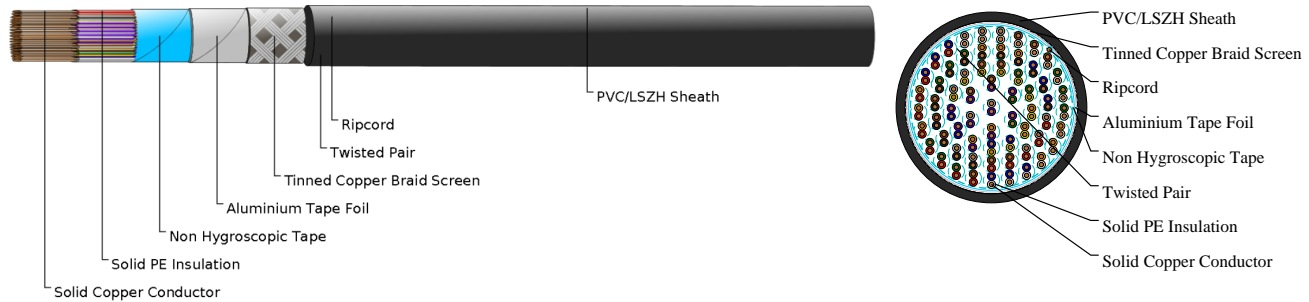
www.caledonian-cables.com

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## SPECIAL TELEPHONE CABLES

ADSL Connecting Cables

TP576-2Y(St)Y-64P04-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<br>-2Y(St)Y<br>-64P04 -ADSL | 64 | 0.4 | 0.15 | 1  | 15 | 300   |