



# Caledonian

Telephone Cables

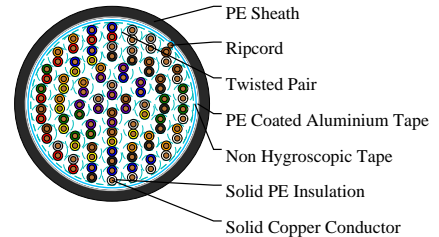
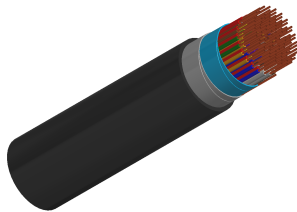
www.caledonian-cables.com

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## SPECIAL TELEPHONE CABLES

XDSL Connecting Cables

TP113-2Y(St)Y-51P05-XDSL



## APPLICATIONS

The cables are designed for XDSL transmission system. The cables are characterized by guaranteed data speeds up to 40MHz.

## STANDARDS

ER.f5.113

## CABLE CONSTRUCTION

Conductors: Solid annealed bare copper sized 0.5mm as per ASTM B-3/IEC 60228 Class1.

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 together in layers of 12, 13 & 25 pair unit to form the cable core. Units are identified by colour coded binders.

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

Screen: An aluminium polyester foil is applied longitudinally with an overlap.

Ripcord: Nylon ripcord may be placed parallel to the cores to facilitate sheath removal.

Sheath: Black low density polyethylene as per BS 6234/IEC 60708.

## 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
TP113 -2Y(St)Y -51P05 -XDSL	51	0.5	0.2	1	24.2	460