



# Caledonian

Telephone Cables

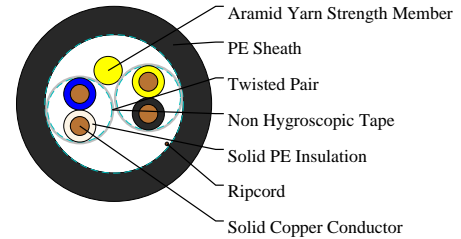
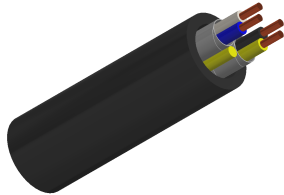
www.caledonian-cables.com

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## INDOOR TELEPHONE CABLES

PE Insulated & PE Sheathed Non Metallic Reinforced Drop Wires to RUS (REA) PE-7

TP7-2Y2Y-2P05-SS-A



## APPLICATIONS

The drop wires are one or two pair aerial service wires designed for use in extending telephone service to subscriber premises from the cable terminal.

## STANDARDS

RUS (REA) PE-7

## CABLE CONSTRUCTION

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

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

Cable Core Assembly & Core Wrapping: Individual conductors are twisted into pairs and wrapped with PETP tape.

Strength Member: Aramid yarn as non-metallic strength member is placed inside the sheath to provide longitudinal strength.

Sheath: PE is extruded over the core to provide protection against mechanical damage, degradation by sunlight and water ingress.

Ripcord: A ripcord made of polyamide is placed parallel to the core to facilitate sheath removal.

## COLOUR CODE

1 PR: White+Blue

2 PR: Yellow+Black

## 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

Caledonia Cable Code	No. of Pairs	AWG Size	Conductor Diameter	Nominal Insulation Thickness	Nominal Insulation Thickness	Nominal Diameter	Nominal Sheath Thickness	Nominal Sheath Thickness	Approx. Overall Diameter	Approx. Overall Diameter	Cable Weight	Cable Weight
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			mm	in	mm	over Insulation mm	in	mm	in	mm	Lbs./ Kft	kg/km
TP7 -2Y2Y -2P05- SS-A	2	24	0.5	0.0079	0.2	1.36	0.047	1.2	0.197	5	17.6	26.2