

## Caledonian

Telephone Cables www.caledonian-cables.com

marketing@caledonian-cables.com

## SPECIAL TELEPHONE CABLES

PE Insulated Air Core/Jelly Filled Paired Railway Signalling Cables (RF 0.3) TP365-2Y2Y(CTS)2Y(DSTA)Y28P09-RF03





## **APPLICATIONS**

The cables are used as basic access for ISDN services in central office wiring and cabling for ISDN basic access installation.

#### **STANDARDS**

ER.f5.058

#### 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.

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.

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

Sheath: PE/PVC/LSZH.

## **COLOUR CODE**

Standard colour code is per BT CW 110J given in Colour Code Chart.

## PHYSICAL AND THERMAL PROPERTIES

Temperature range during operation (fixed state):  $-30^{\circ}\text{C} - +70^{\circ}\text{C}$ Temperature range during installation (mobile state):  $-20^{\circ}\text{C} - +50^{\circ}\text{C}$ 

Minimum bending radius: 15 x Overall Diameter

## **DIMENSION AND PARAMETERS**

Caledonian Cable Code	No. of Pairs	Conductor Size				Nominal Inner Sheath Thickness	Nominal Outer Sheath Thickness	Nom. Overall Diameter	Approx. Weight
		mm²	mm	mm	mm	mm	mm	mm	kg/km



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28	0.636	0.9	0.45	1.8	1.6	1.8	32.3	2450
	28	28 0.636	28 0.636 0.9	28 0.636 0.9 0.45	28 0.636 0.9 0.45 1.8	28 0.636 0.9 0.45 1.8 1.6	28 0.636 0.9 0.45 1.8 1.6 1.8	28 0.636 0.9 0.45 1.8 1.6 1.8 32.3