

Caledonian

Telephone Cables www.caledonian-cables.com

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SPECIAL TELEPHONE CABLES

PE Insulated Air Core/Jelly Filled Paired Railway Signalling Cables (RF 0.3) TP365-2Y2Y(CTS)2Y(DSTA)Y38P14-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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38	1.539	1.4	0.65	2.7	1.8	2	45.6	3695
	38	38 1.539	38 1.539 1.4	38 1.539 1.4 0.65	38 1.539 1.4 0.65 2.7	38 1.539 1.4 0.65 2.7 1.8	38 1.539 1.4 0.65 2.7 1.8 2	38 1.539 1.4 0.65 2.7 1.8 2 45.6