



Caledonian

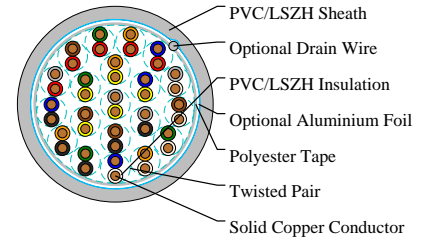
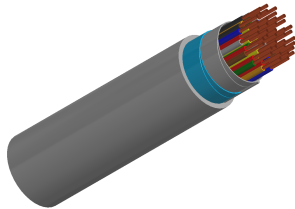
Telephone Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

INDOOR TELEPHONE CABLES

Indoor Switchboard Telephone Cables to CW 1293
TP1293-YY-20P04



APPLICATIONS

The cables are designed to handle low frequency signals for short range applications, suitable for cross connecting individual items of switchboard equipment and to connect exchanges with internal distribution points. The cables are intended to be terminated in Insulation/displacement Connectors (IDC).

STANDARDS

CW 1293

IEC 60189-2

IEC 60332-1

UL1581 VW-1 & UL1666

IEEE 383CI.IE

CABLE CONSTRUCTION

Conductors: Solid annealed bare copper as per class 1 of BS 6360 and IEC 60228.

Insulation: Colour coded PVC T154 to BS 7878 or equivalent. LSZH option can be offered upon request.

Twisted Pairs: Insulated conductors are twisted into pairs with varying lay length to minimize crosstalk.

Cabling Element: Twisted Pairs.

Cable Core Assembly: Layer construction, cables are laid up in concentric layers to form a compact and circular cable.

Core Wrapping: Cable containing more than 12 wires has a polyester tape applied over the cable core prior to sheathing.

Screen (optional): An aluminium polyester foil shield can be provided for fully enclosing the core with an overlap.

Drain Wire (optional): For screened cables, a solid tinned copper drain wire may be longitudinally laid to ensure electrical continuity of the screen.

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

Sheath: PVC TM51 to BS 7878 or equivalent. Grey, White or Cream colours are standard. LSZH option can be offered upon request.

COLOUR CODE

Standard colour code is per IEC 189-2 & 189-3.



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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: 7.5 x Overall Diameter

DIMENSION AND PARAMETERS

Caledonian Cable Code	No. of Pairs	Conductor Size	Conductor Diameter	Insulation Thickness (min.)	Nominal Diameter over Insulation (max.)	Sheath Thickness (min.)	Overall Diameter (max.)	Approx. Weight
		mm ²	mm	mm	mm	mm	mm	kg/km
TP1293-YY-20P04	20	0.126	0.4	0.15	0.85	0.7	10.4	95