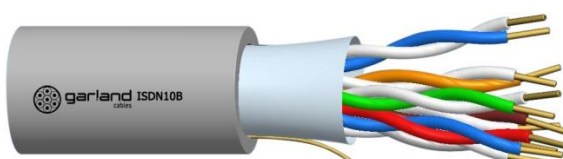


Garland's Pro Series range is the experts' choice for high quality cables.

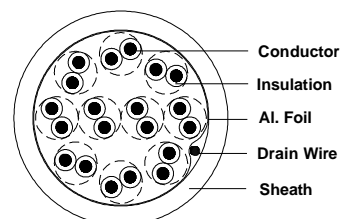
Part No: ISDN10B

Description	Solid 0.5 mm, 24AWG PACW, 10 Twisted Pairs, PE Insulation, Aluminium Overall Screen, Solid 24AWG TACW Drain Wire, PVC Sheath.
Applicable Standards	AS/AC S008, AS 1049
Suitable Applications	Used for basic rate and primary rate transimission at E1 or T1 levels in ISDN and xDSL systems. Can be used at higher levels (E2, E3 etc) with reduced transmission distance. Not recommended for bit rates over 100 Mbit. Can also be used to interconnect DTE equipment.

Cable Construction Drawing



Cable Construction Relative Parts



Cable Description

Conductor	AWG	Standing	Area(mm ²)	Diameter(mm)	Material
	24	1/0.5	0.20	0.5	PACW
Insulation	Pairs : 10 Material : PE Colour : Blue/White, Orange/White, Green/White, Brown/White, Grey/White, Blue/Red, Orange/Red, Green/Red, Brown/Red, Grey/Red. Nominal Thickness (mm) : 0.20 Nominal OD (mm) : 0.95				
Screen	Material : Al. Polyester Tape Coverage : 100%				
Drain Wire	AWG	Standing	Area(mm ²)	Diameter(mm)	Material
	24	1/0.5	0.20	0.5	TACW

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Sheath	Material : Colour : Nominal Thickness (mm) : Nominal OD (mm) :	PVC Grey 1.0 8.0
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Electrical Properties

Max. Conductor DC Resistance @ 20°C	89.6 Ω /km
Min. Insulation Resistance @ 20°C	1,000M Ω .km
Impedance @ 1 MHz	120 $\Omega \pm 10 \%$
Nominal Mutual Capacitance	45 pF/m
Voltage Test: Conductor to core	1.5 kV ac/1min
Voltage Test: Core to sheath	3.0 kV ac/1min
Voltage Test: Shield to sheath	3.0 kV ac/1min

Mechanical Properties

Operating Temperature Range	-15 to 70°C
Max. Recommended Pulling Tension	274N
Min. Bend Radius (install)	80mm
Approximate Mass	8.63kg/100m

Supply Information

Pack Size	Pack Type	Dimensions	Qty Per Carton	Cartons Per Pallet
500m	Wooden Reel	W49 x H21.8cm	1R	
1000m	Wooden Reel	W56 x H39.4cm	1R	

- Madison reserves the right to make changes to the products described in this specification without prior notice
- All values subject to factory tolerances

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