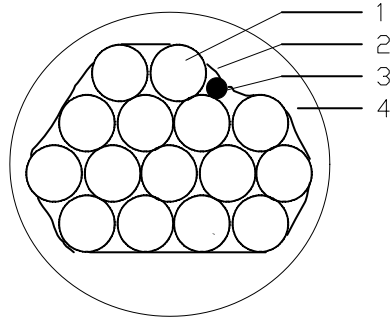




EQL Telecommunications

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Wire & Cable Specification – ISDN16B



1. Twist Pair
2. AL.Foil
3. Drain Wire
4. Sheath

Code	ISDN16B	
Impedance	120 ohm	
Application	For Integrated Services Digital Network connecting Cable.	
Description	1/0.50BCx16Pair(PE, Nom. O.D 0.95)+AL.Foil+ 1/0.5TC(Drain Wire)+PVC Sheath Φ 12.4 mm	
Conductor	1/0.50±0.005BCx20C	
Specification	AUSTEL Approved	
Insulation	PE	
	Min. Thickness 0.19mm / Nom. Thickness ≥0.22mm	
	Nom. O.D 0.95+0.01/-0mm	
	Spark Voltage: 1750V a.c	
Twisting	Colosr: Standard Telstra	
Drain Wire	1/0.5±0.005TC. Nom. O.D0.5mm	
Cabling	16Pairs+ AL.Foil+ Drain Wire	
Shielding	Aluminium – Polyester Foil with overlap and drain wire. 100% coverage.	
Sheath	PVC/Color: Grey	
	Nom. O.D 12.4.0±0.2mm	
	Spark Voltage: 4000V a.c	
Physical Properties	Sheath	Elongation(%) : ≥100
	Flame test: VW-1	
Electrical Properties	Conductor Max. D.C Resistance : 93.8 ohm/km 20°C	
Capacitance Core to Core	39 pF/m	
Attenuation dB/100m	1.8 @ 1 Mhz	
	5.8 @ 10 MHz	
Packing	Available length in 500 & 1000m.	
Remarks	BC=Bare Copper TC=Tinned Copper	