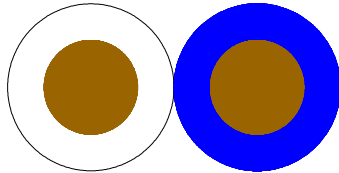


0.4 / 0.5MM PVC Insulated Internal Exchange Jumper Wire

AS/NZS 3080
ACMA - AS/CA S008

Cable Design



- Drawing not to scale -

- **Single-pair construction**
- **Conductor:** Annealed solid copper wire 0.50mm diameter (24 & 26 AWG)
- **Insulation:** PVC V-75 compound in compliance with AS1049
- **Cabling element:** Twisted pair
- **Colour code:** See table 1

Jumper wire is used for the interconnection of terminal tags of MDF, pillars and cabinets and internal terminating boxes.

Technical data

Number of Wires		2 x 0.40mm	2 x 0.50mm
Cable nominal diameter	mm	1.5	1.8
Cable nominal weight	kg/km	3.0	4.5
Max. tensile strength	N	26	38
Min. bending radius	mm	20	
Temperature range	°C	Installation 0 -> +50	Operation 0 -> +60

Electrical data @20°C

Conductor diameter	0.40mm	0.50mm
Maximum conductor resistance [Ω /km]	148	94.5
Minimum insulation resistance [$M\Omega$.km]	1000	
Max. capacitance unbalance Pair-Pair (Corrected to 500m length) [pF]	300	

Table 1. Colour code

Cable size	Insulation colour	
	Wire a	Wire b
2 Wires/0.50mm	White	Red
2 Wires/0.50mm	White	Green
2 Wires/0.40mm	White	Blue

Logistic

Delivery Lengths:

Standard delivery length is 250 m with a tolerance of - 1% / + 3%

Packing:

Plastic reels and cardboard boxes

	Standard Length (m)	Reel Size F x B x T (mm)	Carton Size (mm)	No. of Reels per Carton	No. of Cartons per Pallet
2 Wires / 0.50	250	204 x 102 x 52	418x208x370	12	16
2 Wires / 0.40	250	204 x 102 x 52	418x208x370	12	16

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