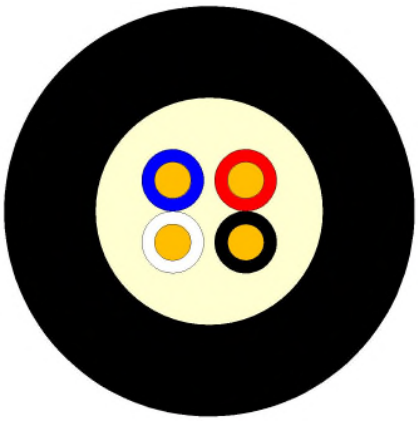
M@XTEL® Comms Cable

External Lead-in Cable
PEIFLI PE

Cable Design

ACMA - AS/CA S008



- Drawing not to scale -

- **Multi-pair construction**
- **Conductor:** Annealed solid copper wire 0.40mm diameter (26 AWG) in compliance with AS/NZS 1125
- **Insulation:** Solid polyethylene compound in compliance with AS 1049
- **Cabling element:** 2 x Twisted pair
- **Colour code:** See table 1
- **Longitudinal water tightness:** Semi-dry Gel filled interstices
- **Sheath:** UV stabilised polyethylene in compliance with AS 1049

This copper telecommunications cable is designed for external underground installations in ducts or by direct burial in trenches.

Technical data

Number of Pairs		**2**	
Cable nominal diameter	mm	4.6	
Cable nominal weight	kg/km	18.5	
Max. installation tension	N	50	
Min. bending diameter	mm	80	
Temperature range	°C	Installation -0 -> +50	Operation -10 -> +70

Identification

Sheath Colour:
The standard outer sheath colour is black.

Sheath Marking:
The outer sheath is marked in 1 metre intervals as follows:

```
PRYSMIAN DW M@XTEL COMMS CABLE MM/YY 2/0.40 PEIFLI PE J/N #### MADE IN AUSTRALIA *****M >> | << *****M
```

Where:

MM/YY	= Month/Year of manufacture
####	= Job Numbers
*****M >> | << *****M	= Metre Marking with cut line

Electrical characteristics		
DC resistance (Max.)	Ω/km	139.3
Insulation resistance (Min.)	MΩ.km	40,000
Mutual capacitance		
(Maximum)	nF/km	48
(Maximum Average)	nF/km	46
Capacitance unbalance, Pair to Pair (Max.)		
Corrected to 500m length	pF	500

Note: All electrical characteristics are given at 20ºC

Table 1. Colour code / Pair identification

Pair number	Insulation colour	
	Wire a	Wire b
1	White	Blue
2	Red	Black

Logistic

Packing:
Fibreboard 'easy-pull' dispenser cartons (Reelex)

Delivery Lengths:
Standard delivery length is 500 m with a tolerance of - 1% / + 3%