

# MK-FOUR 10 PAIRS CONNECTION MODULE



## SPECIFICATIONS

Part No.	MK4-V6
Copper Conductor Diameter	0.40 – 0.80mm AWG 26 - 20
Multi-strand Conductor	7/0.2 – 7/0.32mm
Insulation Diameter	0.70 – 1.50mm
Number of Equal Diameter Conductors per slot	2 max. (up to 0.65mm each)
Color	Grey

## APPLICATION

- Applicable to technical and commercial superior quick connection system and it is designed for interconnection or cross connection applications and, when used in conjunction with an over-voltage protection module, provides line protection.

## FEATURES

- Cable side on top
- Jumper side down printed 0.....9
- High grade PBT material
- Color grey base and grey body
- Possibility to use over-voltage protection magazines, 2 or 4 pole test cords and plugs, dummy plugs, marking caps etc
- Without disconnection facility
- Approved by  
[Telekom Malaysia : 52 ST 4310 MOD/KJ](#)
- Approved by  
[SIRIM, Approval No. : LAAA/57A/1298/S](#)
- Package of 10 modules per box
- Weight 0.6 kg in a set of 10 units

## TRANSMISSION DATA

### Crosstalk Attenuation

<Frequency	Cross Talk>
300 Hz to 3400 Hz	: ≥ 110 dB
3.4 KHz to 10 KHz	: ≥ 100 dB
10 KHz to 1.2MHz	: ≥ 60 dB
1 MHz	: ≥ 50 dB
10 MHz	: ≥ 35 dB
20 MHz	: ≥ 30.5 dB
Insertion Loss	: ≥ 0.1 dB
<Bit Error Rate (50mV signal)>	
8.448 Mbit (PCM 120)	: ≤ 7
2.048 Mbit (PCM 30)	: 0
140 kbit	: 0
64 kbit	: 0

## ELECTRICAL DATA

<Voltage>	Proof	: 3.6 KV (1.2/50 μs pulse)
	Dielectric strength	: 2.0 KV rms
<Current>	Surge	: 10 KA (wave 8/20μs)
	Continuous	: equal to terminated conductor rating
<Resistance>	Insulation	: ≥ 5x10 <sup>4</sup> MΩ
	Termination typical	: < 1mΩ
	Guaranteed	: ≤ 8mΩ
<Capacitance>	Adjacent contacts	: < 1 pF

## MECHANICAL DATA

Termination Type	: Insulation Displacement, dry gas tight
Wire Insertion Force	: 40 – 75 Newtons
Wire Pull out Force	: 10.5 Newtons
Wire Retention Force	: 70% of wire breaking force

## MATERIAL

Plastic Components	: PBT self extinguishing V.O. according to UL 94. Flammability to M147
Contact Material	: Phosphor Bronze
Plating	: Silver

## ENVIRONMENTAL

Temperature Range	: -40°C to +90°C (-104°F to +194°F)
Storage	: -20°C to +80°C (-68°F to +176°F)
Operational Humidity	: 95%