



Connections from door panel to telephone

4+1 system cable size requirements					
Connections	50mm	100mm	200mm	300mm	400mm
1	0.25mm <sup>2</sup>	0.35mm <sup>2</sup>	0.5mm <sup>2</sup>	0.75mm <sup>2</sup>	1.0mm <sup>2</sup>
2	0.25mm <sup>2</sup>	0.35mm <sup>2</sup>	0.5mm <sup>2</sup>	0.75mm <sup>2</sup>	1.0mm <sup>2</sup>
3	0.5mm <sup>2</sup>	0.75mm <sup>2</sup>	1.5mm <sup>2</sup>	2.0mm <sup>2</sup>	2.5mm <sup>2</sup>
5	0.5mm <sup>2</sup>	0.75mm <sup>2</sup>	1.5mm <sup>2</sup>	2.0mm <sup>2</sup>	2.5mm <sup>2</sup>
6	0.25mm <sup>2</sup>	0.35mm <sup>2</sup>	0.5mm <sup>2</sup>	0.75mm <sup>2</sup>	1.0mm <sup>2</sup>

when ever possible connection 1 (TX) should be twisted with connection 3 (GND) and connection 2(RX) should be twisted with connection 3 (GND) as pairs.  
Maximum acceptable resistance for terminals 1,2&6 = 100 and for terminals 3&5 = 30.

connections for pow's

Connections	50m	100mm	200mm	300mm	400mm
	0.5mm	0.75mm	1.5mm	2.0mm	2.5mm

The power supply should be located as close to the door panel as possible for best performance.  
Maximum acceptable resistance for above cables = 30

**VIDEX SECURITY LTD**

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DATE: <b>08/12/05</b>	INITIAL: <b>DH</b>	REF: <b>A5371D3113</b>
DESCRIPTION: <b>1 way vandal resistant with 3113</b>		