

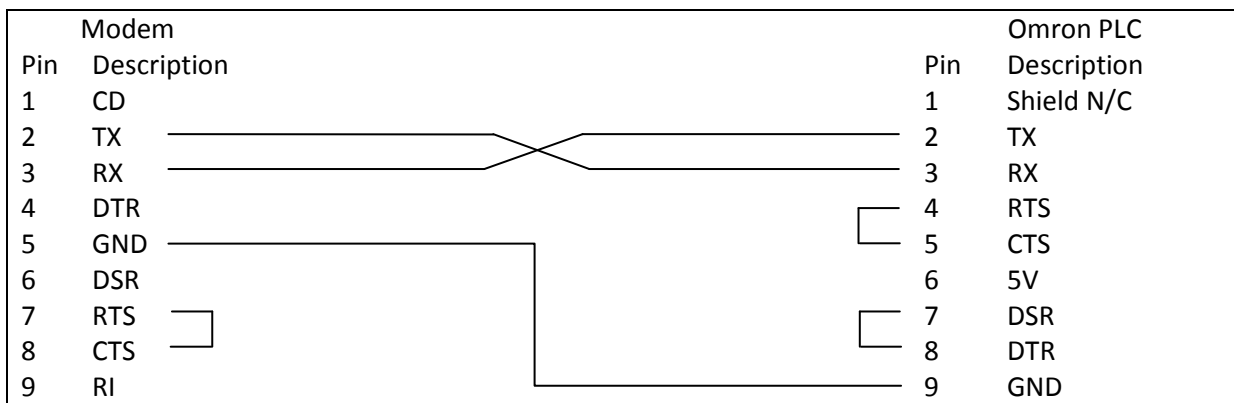
Omron PLC Modem Interface (IAG-RI-CD-INT-001)

The cable provides opto-isolated 24 VDC CD and RI signals for interfacing into Omron PLC's. The PLC can by default be sending and receiving SMS message, and switch over to a programming protocol on seeing the signals.

Once the remote programming connection drops again (loss of CD), the PLC can resort to sending/receiving SMS again

A dual colour LED indicates the presence of the RI and CD signals at the PLC end. A small connector on the side of the D shell, provides connection for the PLC signals "flying lead".

The assembly is supplied with 2m of cable between the D-Types, and 40cm of flying lead connection cable



3 Pin "Flying Lead" Output Lead:

White	Common	
Blue	Ring Indicator	Green LED Indication
Yellow	Carrier Detect	Red LED Indication

Connection of the White Common Lead determines the operation of the outputs:

GND for NPN (Sink) – Max 100mA per output
 +24V DC for PNP (Source) – Max 100mA per output

Max Operating Parameters:

Max Voltage	30V DC
Max Continuous Current	150mA per output
Current drawn from RS232 Modem Port	26mA
Temperature Range	-10°C to +50°C
Opto Isolation	2500Vac RMS (upto 1min 60Hz)

