



# Series Six™ Programmable Controllers

GEK-83527B  
September 1988

## Redundant Processor Unit DMA Cable

### General Description

The Redundant Processor Unit (RPU) DMA cable is used internal to the RPU to interconnect the Data Control module bottom connector in slot 8 to the bottom connector in slot 6.

The cable consists of a male 37-pin D-type connector on each end. The cable is made up of 16 twisted pair (22 AWG) with an overall shield and a PVC jacket for a total of 32 wires plus shield.

Table 1. FEATURES AND BENEFITS

FEATURES	BENEFITS
Available in several lengths	Provides flexibility for Series Six hookup
Color coded twisted pairs	Simplifies troubleshooting

Table 2. SPECIFICATIONS

<b>Cable Outside Diameter:</b>	± 0.020 inches 11.81 ± 0.5 mm
<b>Cable Length:</b>	One or two feet (30.5 or 61 cm)
<b>Conductor Size:</b>	No. 22 AWG (each wire)
<b>Jacket:</b>	PVC material 300 V insulation Temperature: -20°C to +80°C
<b>Internal Arrangement:</b>	16 twisted pair (32 wires) with overall shield and jacket
<b>Connectors:</b>	37-pinD-type male connectors each end

PC-S6-N-0083

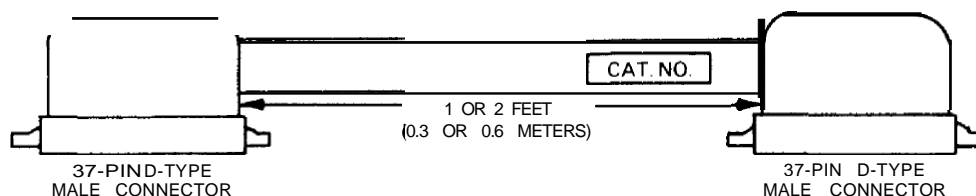
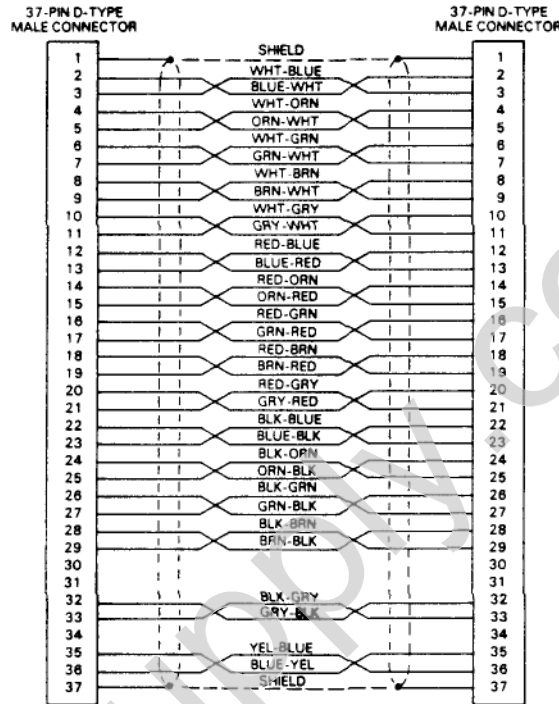


Figure 1. MECHANICAL ASSEMBLY

**Installation**

Either end of this cable may be connected to the bottom connector of the Data Control module in slot 8 of the RPU.

The other end should be connected to the bottom connector of the CPU Switch module in slot 6.



PC-S6-83-0084

Figure 2. WIRING DIAGRAM OF CABLE

Table 3. ORDERING INFORMATION

DESCRIPTION	CATALOG NUMBER
1 Foot (.3 Meters) cable with connectors each end	IC600WJ001A

**Catalog Number Revision Suffix**

The equipment listed above having the catalog numbers shown and the same equipment having a higher alpha suffix is designed for listing by UL for use as auxiliary control devices. The equipment is a direct replacement for equipment having the same catalog number but a lower alpha suffix.



This symbol on the nameplate means the product is listed by Underwriters Laboratories Inc. (UL Standard No. 508, Industrial Control Equipment, subsection Electronic Power Conversion Equipment.)

For further information, contact your local GE Fanuc sales office.