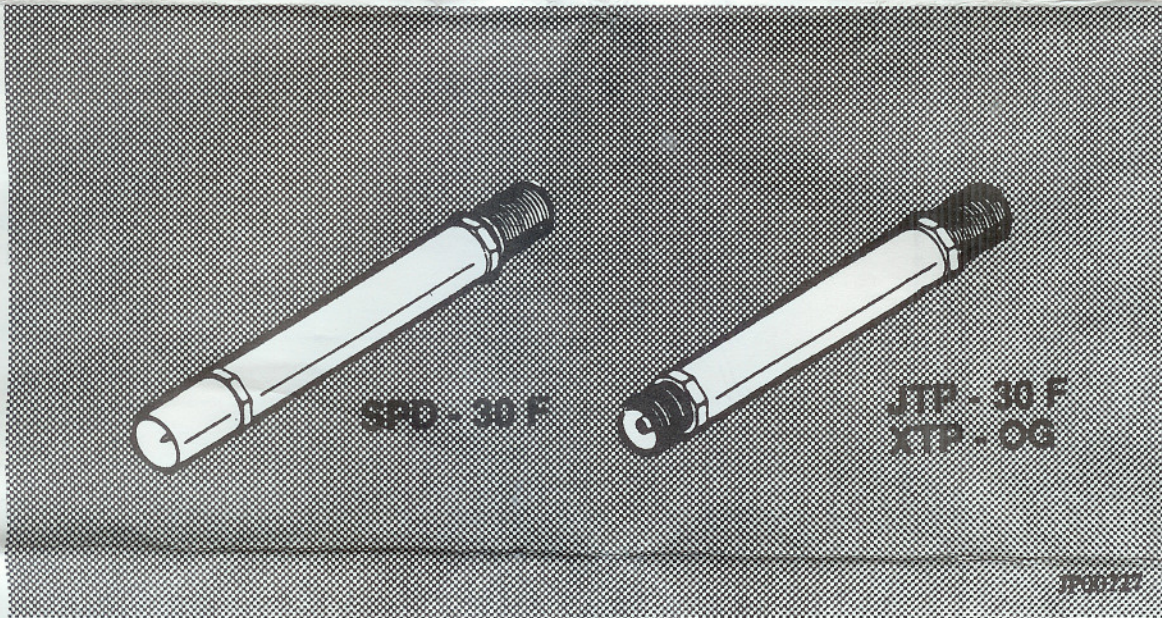


**Jerrold TEST PROBE ADAPTER  
Models SPD-30F, JTP-30F, and XTP-OG**



**TABLE OF CONTENTS**

Section	Topic	Page No.
1.0	Model SPD-30F .....	2
1.1	Introduction .....	2
1.2	Specifications .....	2
1.3	Schematic .....	2
2.0	Model JTP-30F .....	3
2.1	Introduction .....	3
2.2	Specifications .....	3
2.3	Schematic .....	3
3.0	Model XTP-OG .....	4
3.1	Introduction .....	4
3.2	Specifications .....	4
3.3	Schematic .....	4

### 1.0 MODEL SPD-30F

#### 1.1 INTRODUCTION

This adapter assembly is used as a test probe for connecting a field strength meter to test fittings on the SJ stations. The assembly has an attenuating network. Its high impedance minimizes the loading effect upon the circuits being measured.

The network is housed in a metal tube equipped at one end with a PG-61 push-on connector. This connector is used to mate with the test fitting at the SJ station. The other end of the metal tube is fitted with an F-61A type cable connector.

#### 1.2 SPECIFICATIONS

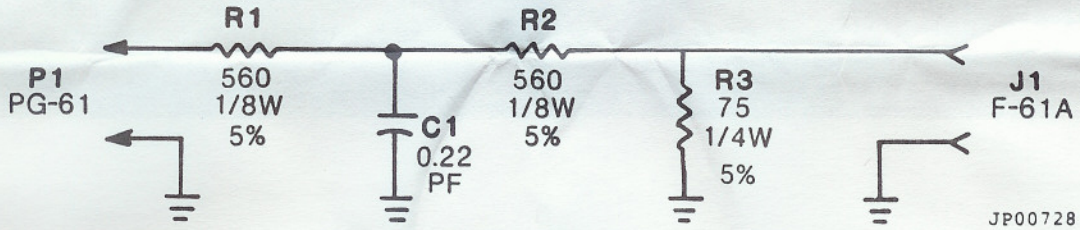
Insertion loss  
between P1 and J1:      Min.      Max.      Nom.  
at DC to 450 MHz. .... 29.0 dB   31.0 dB   30.0 dB

Connector J1 terminal impedance  
75 ohms at DC to 450 MHz .... 20 dB Return Loss

Dimensions..... 1/2" Dia. x 2-3/4" Long

Net Weight..... 1 Ounce

#### 1.3 SCHEMATIC



## 2.0 MODEL JTP-30F

### 2.1 INTRODUCTION

This adapter assembly is used as a test probe for connecting a field strength meter to test fittings on the JN stations. The assembly has an attenuating network. Its high impedance minimizes the loading effect upon the circuits being measured.

The network is housed in a metal tube equipped at one end with a SMG-61 push-on connector. This connector is used to mate with the test fitting at the JN station. The other end of the metal tube is fitted with an F-61A type cable connector.

### 2.2 SPECIFICATIONS

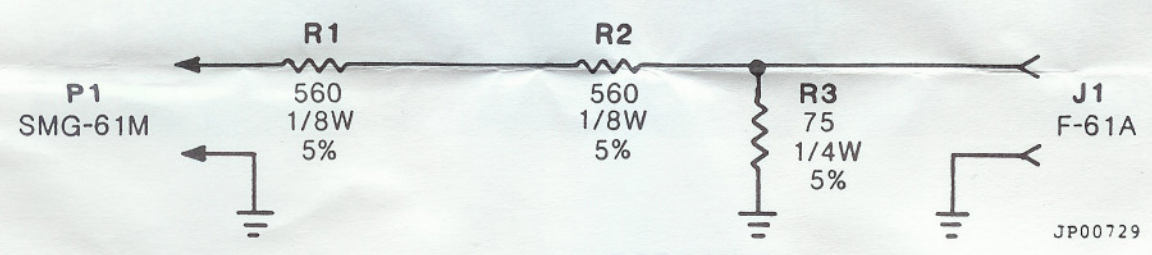
Insertion loss			
between P1 and J1:	Min.	Max.	Nom
at DC to 300 MHz	29.0 dB	30.5 dB	30.0 dB
at 300 to 450 MHz	29.0 dB	31.0 dB	30.0 dB

Connector J1 terminal impedance  
75 ohms at DC to 450 MHz ..... 20 dB Return Loss

Dimensions..... 1/2" Dia. x 2-3/4" Long

Net Weight..... 1 Ounce

### 2.3 SCHEMATIC



### 3.0 MODEL XTP-OG

#### 3.1 INTRODUCTION

The test probe assembly is a feedthrough for use with directional coupler test points in the "X" series stations.

The network is housed in a metal tube equipped at one end with a SMG-61M push-on connector. This connector is used to mate with the test fitting at the X station. The other end of the metal tube is fitted with an F-61A type cable connector.

#### 3.2 SPECIFICATIONS

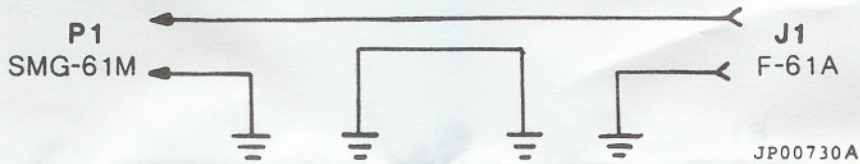
Insertion loss  
between P1 and J1:      Min.      Max.      Nom.  
at 5-600 MHz..... 0.2 dB

Connector J1 and P1 terminal impedance  
75 ohms DC to 600 MHz..... 30 dB return loss

Dimensions..... 1/2" Dia. x 2-3/4" Long

Net Weight..... 1 Ounce

#### 3.3 SCHEMATIC



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**CUSTOMER QUALITY DISCREPANCY AUDIT**

*(Please print or type)*

Customer Name \_\_\_\_\_ Customer No. \_\_\_\_\_

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City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Telephone Number \_\_\_\_\_  
AREA CODE                      EXCHANGE                      EXTENSION

Packing Slip # \_\_\_\_\_ Date Shipped \_\_\_\_\_ Date Received \_\_\_\_\_

Customer P.O. # \_\_\_\_\_

Part Number \_\_\_\_\_ Rev. \_\_\_\_\_ Part Name \_\_\_\_\_

Serial Number \_\_\_\_\_

Name of Person Performing Inspection \_\_\_\_\_ Title \_\_\_\_\_

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- 2. Is all necessary paperwork in the customer envelope? [ ] Yes [ ] No
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- 4. Is all the software/documentation accounted for? [ ] Yes [ ] No
- 5. Is the product cosmetically acceptable to you? [ ] Yes [ ] No
- 6. Are there any hardware/software failures? [ ] Yes [ ] No

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Do you have any suggestions to improve our products, service, etc.?

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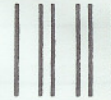
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