



No.390, Yong He Road,  
Shanghai 200072, China

## TECHNICAL DATA SHEET CABLE ASSEMBLY

PART NUMBER :R284C0351055

Issue : NA

Date : NA

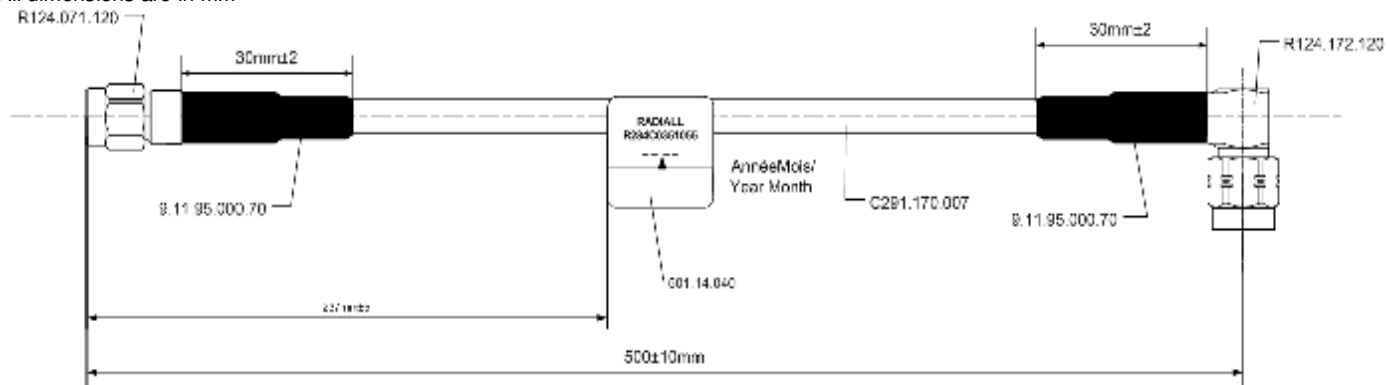
Customer :

Specification : NA

Issue : NA

Date : N/A

All dimensions are in mm



Connectors designation :

**Connector 1 : SMA Straight Plug Crimp Type  
Cable 2.6/50 S (R124.071.120)**

**Connector 2 : SMA Right Angle Plug Crimp Type  
Cable 2.6/50 S (R124.172.120)**

Cable designation :

**Flexible Cable 2.6/50S (RG316)**

**C291.170.007**

Nominal length :

**Lg: 500 mm**

Cable colour :

**Brown**

Outer diameter :

**2.49 mm**

Accessories :

**HeatShrink Sleeves (9.11.95.000.70)**

### ELECTRICAL CHARACTERISTICS :

#### High Frequency

Characteristic impedance : **50± 2 Ohms**

Frequency range : **DC-3GHz**

Insertion Loss : **0.96 dB max @ 3GHz & 20° C**

VSWR. : **TBT**

#### Low Frequency

Insulation Resistance : **5000 MOhms min**

Voltage Rating : **250 Veff max**

### MECHANICAL CHARACTERISTICS :

Recommend min. bend radius : **10 mm**

Cable crush resistance : **NA**

Life ( connectors ) : **100 cycles**

### ENVIRONMENTAL CHARACTERISTICS :

Operating temperature range : **-55° C to +135° C**

Remark : **NA**

Attachment : **R124.071.120-TDS , R124.172.120-TDS**

**C291.170.007 (RG316)-TDS**

**Cable Assembly is RoHS compliant.**

### CUSTOMER'S APPROVAL

**Service or  
Company's stamp**

**Name  
Date**

|       |       |           |              |            |
|-------|-------|-----------|--------------|------------|
| Peter | A     | 2007-5-25 | Creation     | Willy      |
| Name  | Issue | Date      | Modification | Checked by |



No.390, Yong He Road,  
Shanghai 200072, China

## TECHNICAL DATA SHEET CABLE ASSEMBLY

PART NUMBER :R284C0351056

Issue : NA

Date : NA

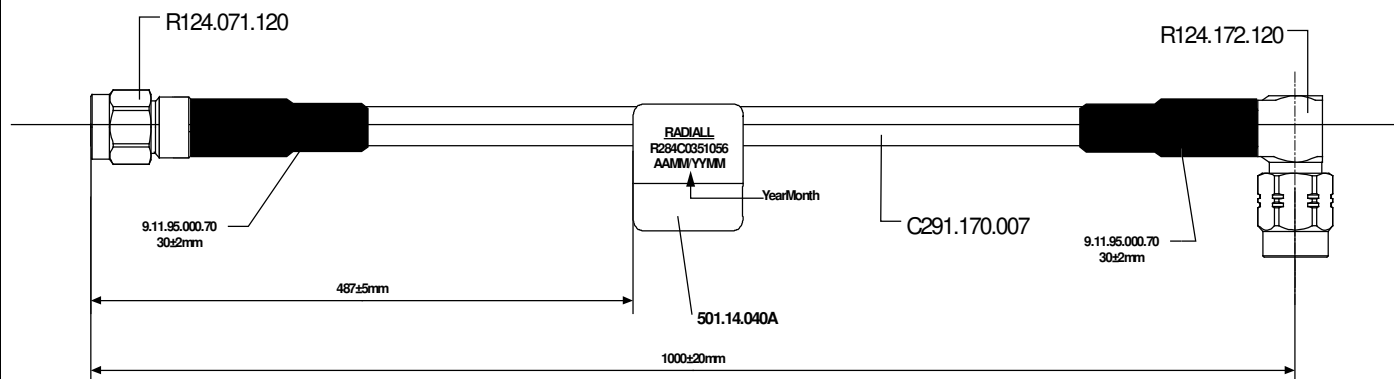
Customer :

Specification : NA

Issue : NA

Date : N/A

All dimensions are in mm



Connectors designation :

**Connector 1 : SMA Straight Plug Crimp Type  
Cable 2.6/50 S (R124.071.120)**

**Connector 2 : SMA Right Angle Plug Crimp Type  
Cable 2.6/50 S (R124.172.120)**

Cable designation :

**Flexible Cable 2.6/50S (RG316)  
C291.170.007**

Nominal length :

**Lg: 1000 mm**

Cable colour :

**Brown**

Outer diameter :

**2.49 mm**

Accessories :

**HeatShrink Sleeves (9.11.95.000.70)**

### ELECTRICAL CHARACTERISTICS :

#### High Frequency

Characteristic impedance : **50± 2 Ohms**

Frequency range : **DC-3GHz**

Insertion Loss : **1.81 dB max @ 3GHz & 20° C**

VSWR. : **TBT**

#### Low Frequency

Insulation Resistance : **5000 MOhms min**

Voltage Rating : **250 Veff max**

### MECHANICAL CHARACTERISTICS :

Recommend min. bend radius : **10 mm**

Cable crush resistance : **NA**

Life ( connectors ) : **100 cycles**

### ENVIRONMENTAL CHARACTERISTICS :

Operating temperature range : **-55° C to +135° C**

Remark : **NA**

Attachment : **R124.071.120-TDS , R124.172.120-TDS**

**C291.170.007 (RG316)-TDS**

**Cable Assembly is RoHS compliant.**

### CUSTOMER'S APPROVAL

**Service or  
Company's stamp**

**Name  
Date**

|       |       |           |              |            |
|-------|-------|-----------|--------------|------------|
| Peter | A     | 2007-5-25 | Creation     | Willy      |
| Name  | Issue | Date      | Modification | Checked by |