



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

### TECHNICAL DATA SHEET CABLE ASSEMBLY

PART NUMBER :R284C0351053

Issue : NA

Date : NA

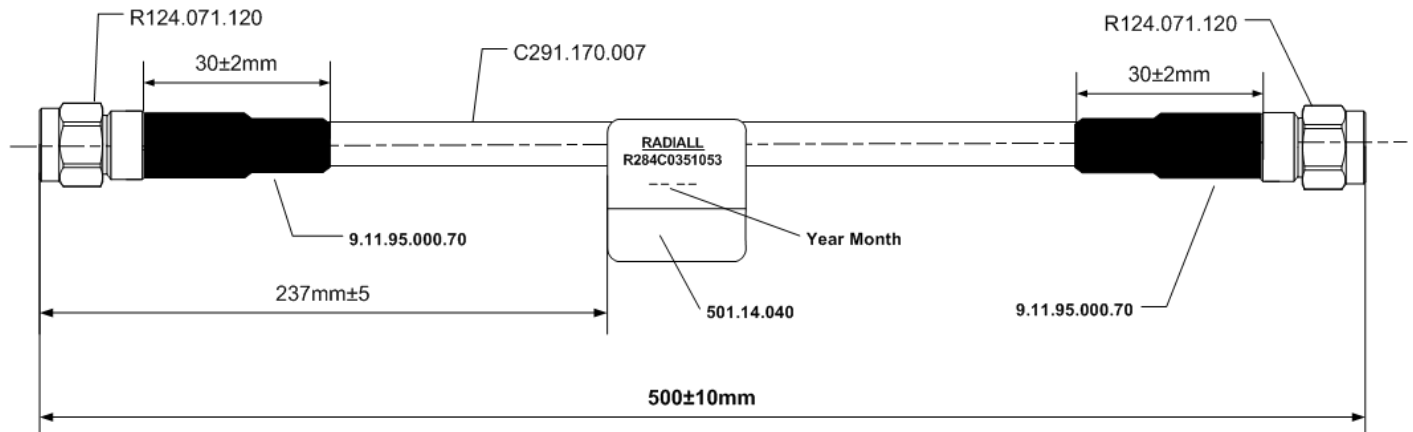
Customer : **Radio Spares**

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 Straight Plug Crimp Type  
Cable 2.6/50 S (R124.071.120)**

Cable designation :

**Flexible Cable 2.6/50S (RG316)  
C291.170.007  
Lg: 500 mm**

Nominal length :

Cable colour :

**Brown**

Outer diameter :

**2.49 mm**

Accessories :

**HearShrink Sleeves (9.11.95.000.70)**

#### ELECTRICAL CHARACTERISTICS :

##### High Frequency

Characteristic impedance : **50±2 Ohms**

Frequency range : **DC-3GHz**

Insertion Loss : **0.97 dB max @ 3GHz & 20° C**

VSWR. : **TBT**

##### Low Frequency

Insulation Resistance : **5000 MOhms min**

Voltage Rating : **250 Veff max**

#### MECANICAL 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**

**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



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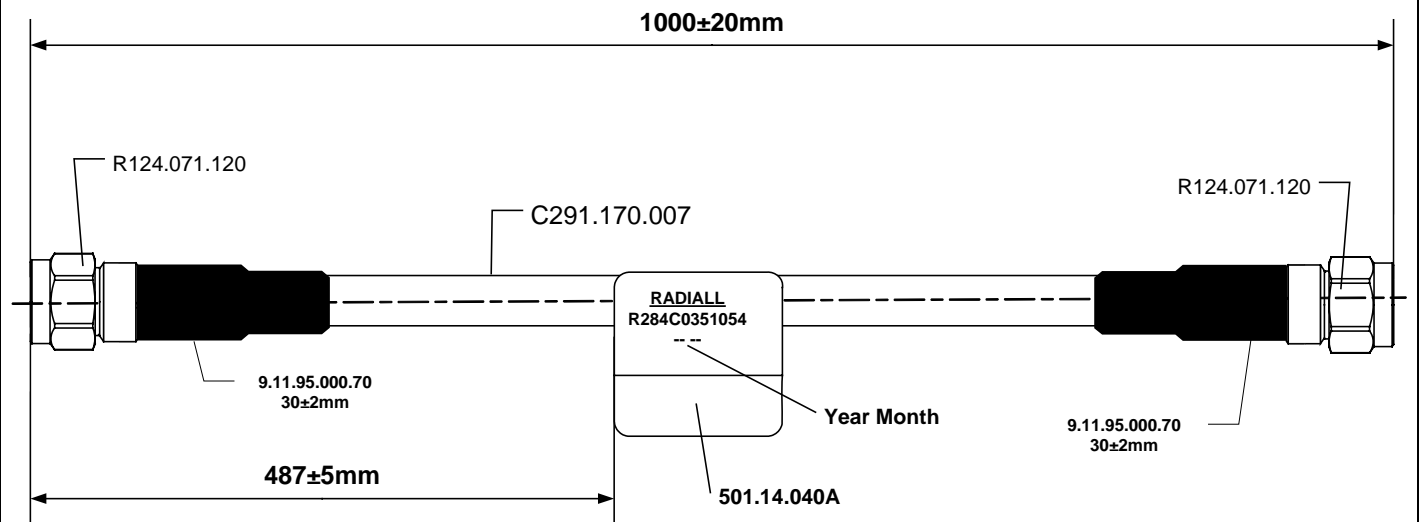
Customer : **Radio Spares**

Specification : **NA**

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Date : **N/A**

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Connectors designation :	Connector 1 : SMA Straight Plug Crimp Type Cable 2.6/50 S (R124.071.120)	Connector 2 : SMA Straight Plug Crimp Type Cable 2.6/50 S (R124.071.120)
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 :	HearShrink 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**

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

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