



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

## TECHNICAL DATA SHEET CABLE ASSEMBLY

PART NUMBER :R284C0351049

Issue : NA

Date : NA

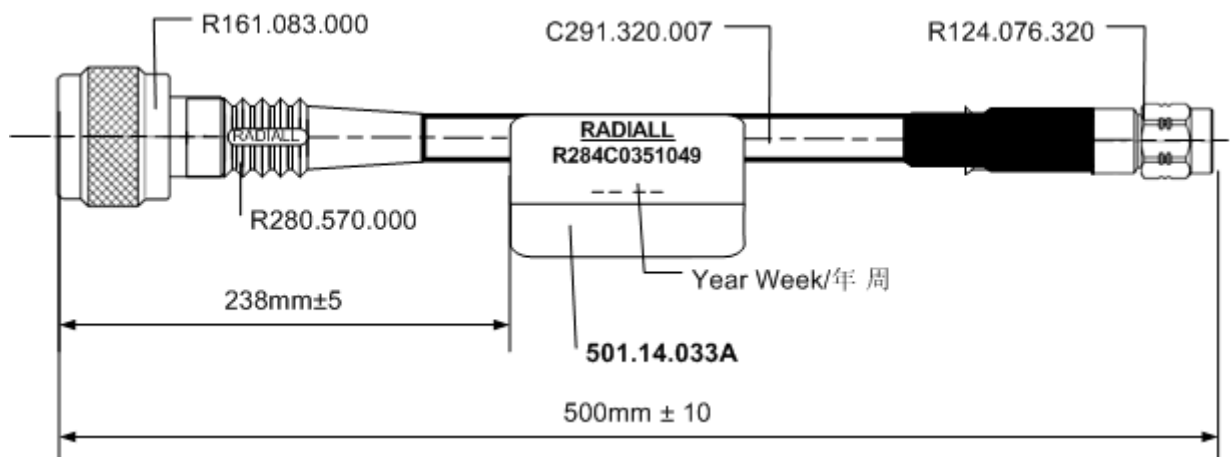
Customer :

Specification : NA

Issue : NA

Date : N/A

All dimensions are in mm



Connectors designation :

Connector 1 : N straight plug full crimp type  
cable 5/50 D (R161.083.000)

Connector 2 : SMA straight plug full crimp type  
cable 5/50 D (R124.076.320)

Cable designation :

Flexible Cable 5/50D (RG142)

Nominal length :

C291.320.007

Lg: 500 mm

Cable colour :

Brown

Outer diameter :

4.95 mm

Accessories :

Plastic Boots (R280.570.000)

### ELECTRICAL CHARACTERISTICS :

#### High Frequency

Characteristic impedance :  $50 \pm 2$  Ohms

Frequency range : DC-11GHz

Insertion Loss : 0.56 dB max @ 3GHz & 20°C

VSWR. : TBT

#### Low Frequency

Insulation Resistance : 5000 MOhms min

Voltage Rating : 335 Veff max

### MECHANICAL CHARACTERISTICS :

Recommend min. bend radius : 25 mm

Cable crush resistance : NA

Life ( connectors ) : 100 cycles

### ENVIRONMENTAL CHARACTERISTICS :

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

Remark : NA

Attachment : R161.083.000-TDS , R124.076.320-TDS

C291.320.007 (RG142)-TDS

Cable Assembly is RoHS compliant.

### CUSTOMER'S APPROVAL

Service or  
Company's stamp

Name

Date

Jacob

A

2007-6-11

Creation

Willy

Name

Issue

Date

Modification

Checked by



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

## TECHNICAL DATA SHEET CABLE ASSEMBLY

PART NUMBER :R284C0351050

Issue : NA

Date : NA

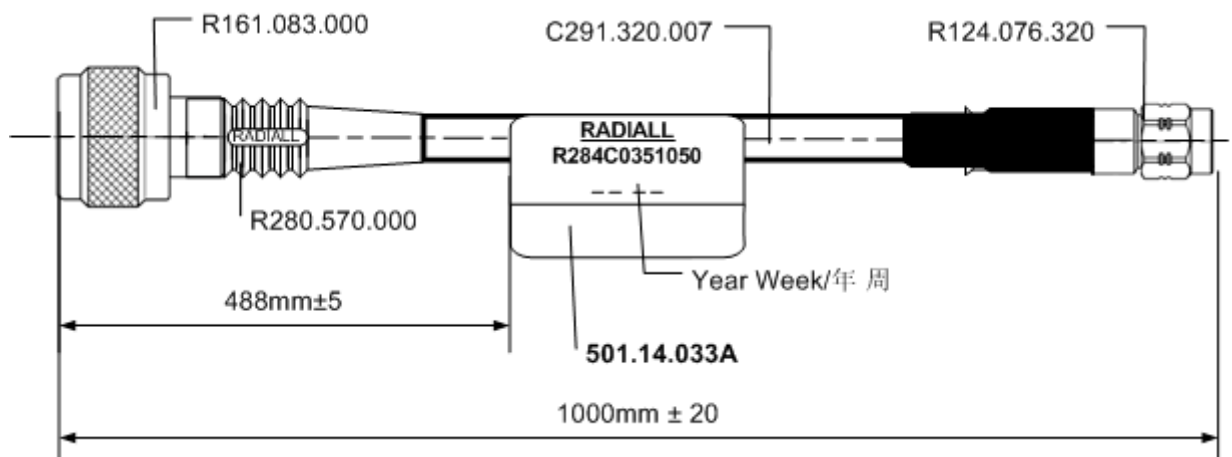
Customer :

Specification : NA

Issue : NA

Date : N/A

All dimensions are in mm



Connectors designation :

Connector 1 : N straight plug full crimp type  
cable 5/50 D (R161.083.000)

Connector 2 : SMA straight plug full crimp type  
cable 5/50 D (R124.076.320)

Cable designation :

Flexible Cable 5/50D (RG142)  
C291.320.007  
Lg: 1000 mm

Nominal length :

Cable colour :

Brown  
4.95 mm

Outer diameter :

Accessories :

Plastic Boots (R280.570.000)

### ELECTRICAL CHARACTERISTICS :

#### High Frequency

Characteristic impedance :  $50 \pm 2$  Ohms

Frequency range : DC-11GHz

Insertion Loss : 1.01 dB max @ 3GHz & 20°C

VSWR. : TBT

#### Low Frequency

Insulation Resistance : 5000 MOhms min

Voltage Rating : 335 Veff max

### MECHANICAL CHARACTERISTICS :

Recommend min. bend radius : 25 mm

Cable crush resistance : NA

Life ( connectors ) : 100 cycles

### ENVIRONMENTAL CHARACTERISTICS :

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

Remark : NA

Attachment : R161.083.000-TDS , R124.076.320-TDS

C291.320.007 (RG142)-TDS

Cable Assembly is RoHS compliant.

### CUSTOMER'S APPROVAL

Service or  
Company's stamp

Name  
Date

Jacob

A

2007-6-11

Creation

Willy

Name

Issue

Date

Modification

Checked by