



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

TECHNICAL DATA SHEET CABLE ASSEMBLY

PART NUMBER :R284C0351047

Issue : NA

Date : NA

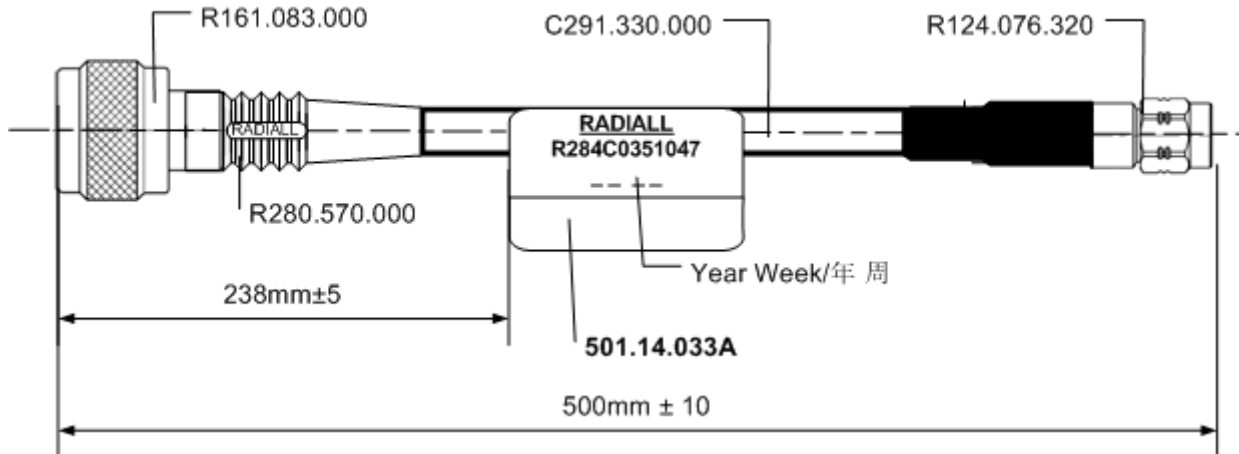
Customer :

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 (RG223)
C291.330.000
Lg: 500 mm

Nominal length :

Cable colour :

Black

Outer diameter :

5.38 mm

Accessories :

Plastic Boots (R280.570.000)

ELECTRICAL CHARACTERISTICS :

High Frequency

Characteristic impedance : 50 ± 2 Ohms

Frequency range : DC-11GHz

Insertion Loss : 0.58 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 : -40° C to +85° C

Remark : NA

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

C291.330.000 (RG223)-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,
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TECHNICAL DATA SHEET CABLE ASSEMBLY

PART NUMBER :R284C0351048

Issue : NA

Date : NA

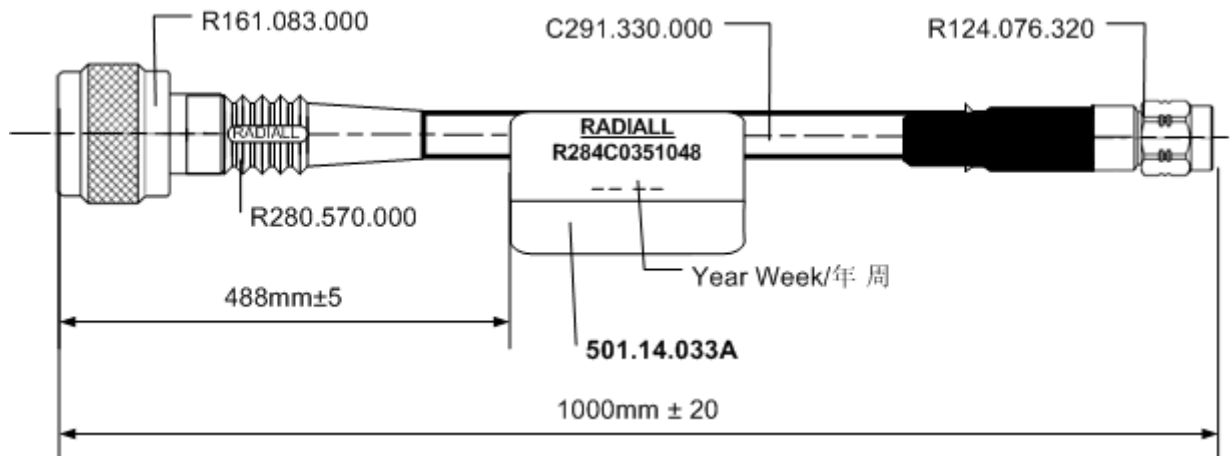
Customer :

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 (RG223)
C291.330.000

Nominal length :

Lg: 1000 mm

Cable colour :

Black

Outer diameter :

5.38 mm

Accessories :

Plastic Boots (R280.570.000)

ELECTRICAL CHARACTERISTICS :

High Frequency

Characteristic impedance : 50± 2 Ohms

Frequency range : DC-11GHz

Insertion Loss : 1.05 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 : -40° C to +85° C

Remark : NA

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

C291.330.000 (RG223)-TDS

Cable Assembly is RoHS compliant.

CUSTOMER'S APPROVAL

Service or
Company's stamp

Name

Date

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TECHNICAL DATA SHEET CABLE ASSEMBLY

PART NUMBER :R284C0351049

Issue : NA

Date : NA

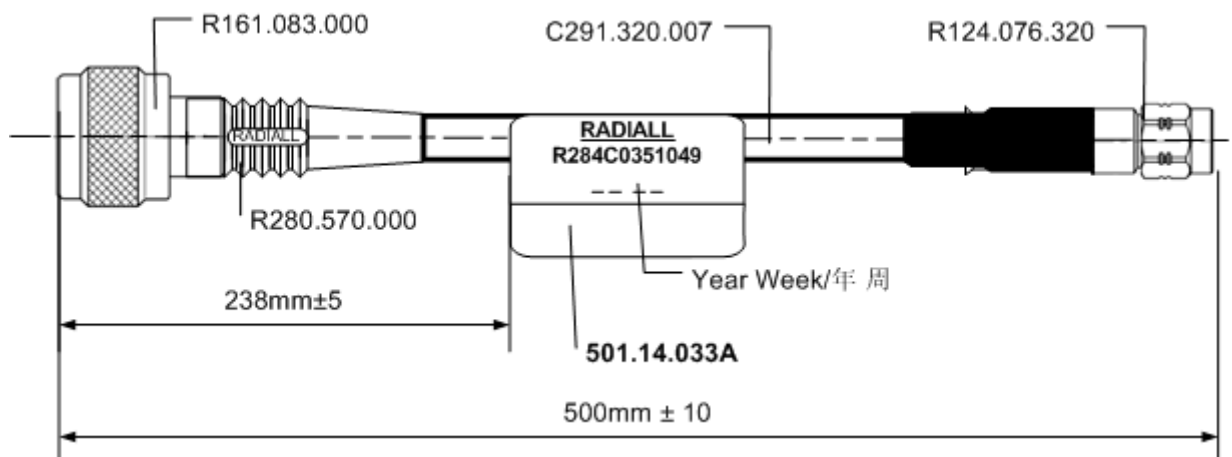
Customer :

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± 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

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TECHNICAL DATA SHEET CABLE ASSEMBLY

PART NUMBER :R284C0351050

Issue : NA

Date : NA

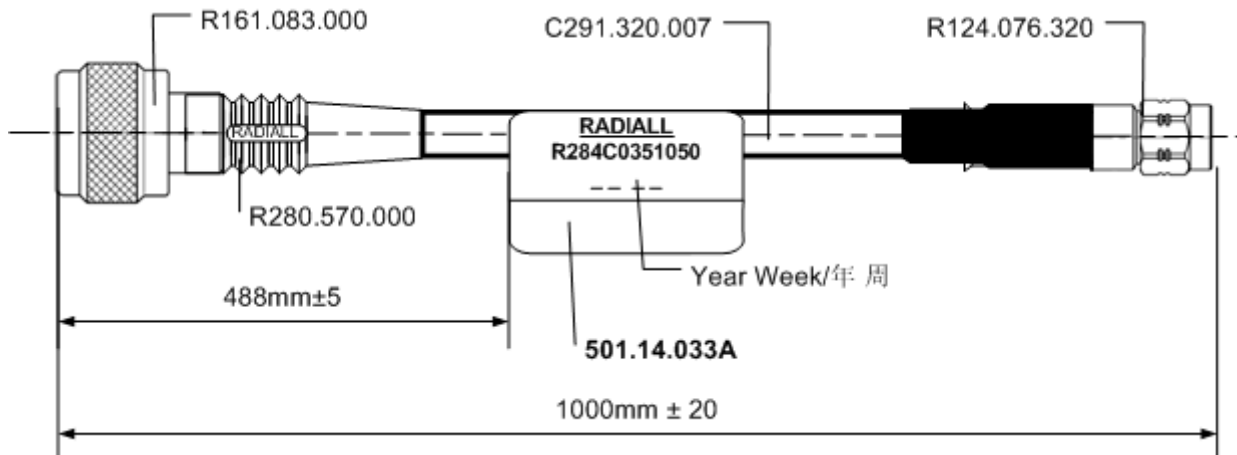
Customer :

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

Nominal length :

Lg: 1000 mm

Cable colour :

Brown

Outer diameter :

4.95 mm

Accessories :

Plastic Boots (R280.570.000)

ELECTRICAL CHARACTERISTICS :

High Frequency

Characteristic impedance : 50 ± 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.

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TECHNICAL DATA SHEET CABLE ASSEMBLY

PART NUMBER :R284C0351051

Issue : NA

Date : NA

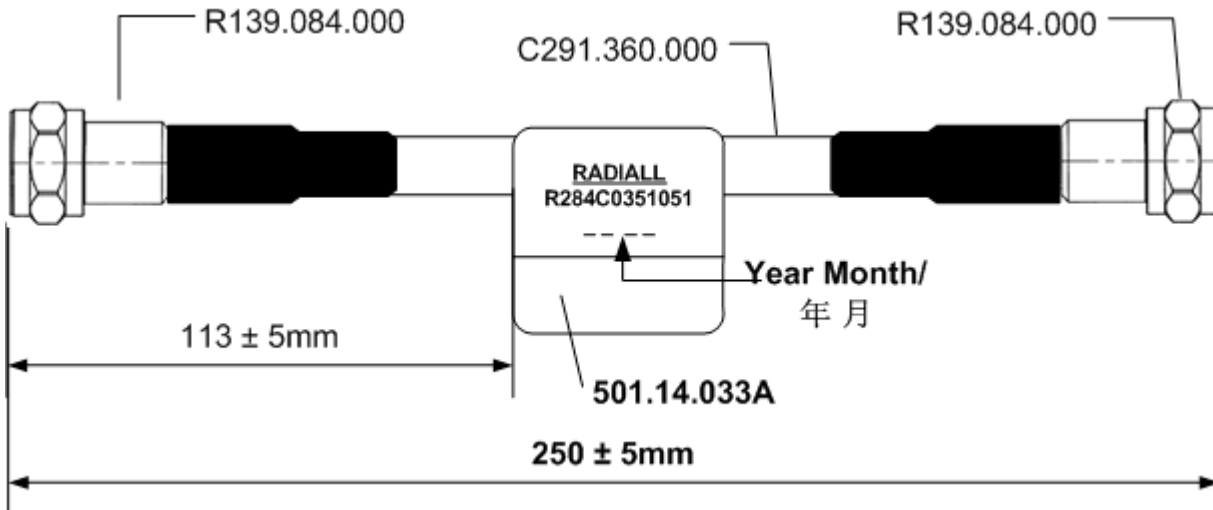
Customer :

Specification : NA

Issue : NA

Date : N/A

All dimensions are in mm



Connectors designation :

Connector 1 : DTF for cable 6/75 s
(R139.084.000)

Connector 2 : DTF for cable 6/75 s
(R139.084.000)

Cable designation :

Flexible Cable 6/75S (RG59)

Nominal length :

C291.360.000
Lg: 250 mm

Cable colour :

Black

Outer diameter :

6.15 mm

ELECTRICAL CHARACTERISTICS :

High Frequency

Characteristic impedance : 75 ± 3 Ohms

Frequency range : DC-1GHz

Insertion Loss : 0.21 dB max @ 1GHz & 20°C

VSWR. : TBT

Low Frequency

Insulation Resistance : 5000 MOhms min

Voltage Rating : 500 Veff max

MECHANICAL CHARACTERISTICS :

Recommend min. bend radius : 30 mm

Cable crush resistance : NA

Life (connectors) : 100 cycles

ENVIRONMENTAL CHARACTERISTICS :

Operating temperature range : -40° C to +85° C

Remark : NA

Attachment : R139.084.000-TDS

C291.360.000 (RG59)-TDS

Cable Assembly is RoHS compliant.

CUSTOMER'S APPROVAL

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TECHNICAL DATA SHEET CABLE ASSEMBLY

PART NUMBER :R284C0351052

Issue : NA

Date : NA

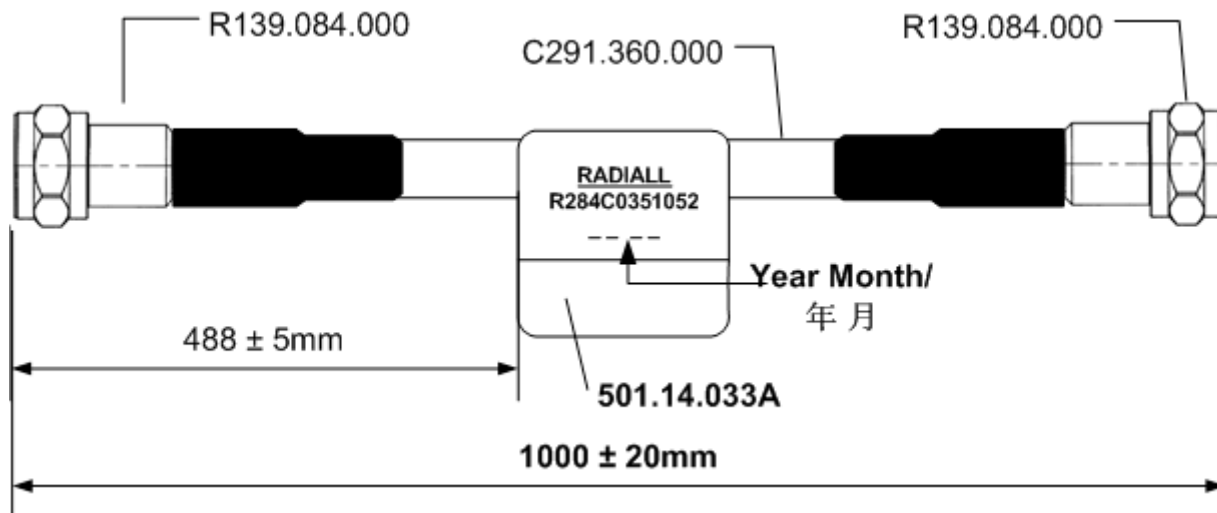
Customer :

Specification : NA

Issue : NA

Date : N/A

All dimensions are in mm



Connectors designation :

Connector 1 : DTF for cable 6/75 s
(R139.084.000)

Connector 1 : DTF for cable 6/75 s
(R139.084.000)

Cable designation :

Flexible Cable 6/75S (RG59)

Nominal length :

C291.360.000

Lg: 1000 mm

Cable colour :

Black

Outer diameter :

6.15 mm

ELECTRICAL CHARACTERISTICS :

High Frequency

Characteristic impedance : 75 ± 3 Ohms

Frequency range : DC-1GHz

Insertion Loss : 0.57 dB max @ 1GHz & 20°C

VSWR. : TBT

Low Frequency

Insulation Resistance : 5000 MOhms min

Voltage Rating : 500 Veff max

MECHANICAL CHARACTERISTICS :

Recommend min. bend radius : 30 mm

Cable crush resistance : NA

Life (connectors) : 100 cycles

ENVIRONMENTAL CHARACTERISTICS :

Operating temperature range : -40° C to +85° C

Attachment : R139.084.000-TDS

C291.360.000 (RG59)-TDS

Cable Assembly is RoHS compliant.

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