



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

## TECHNICAL DATA SHEET CABLE ASSEMBLY

PART NUMBER: **R284C0351026**

Issue : **NA**

Date : **NA**

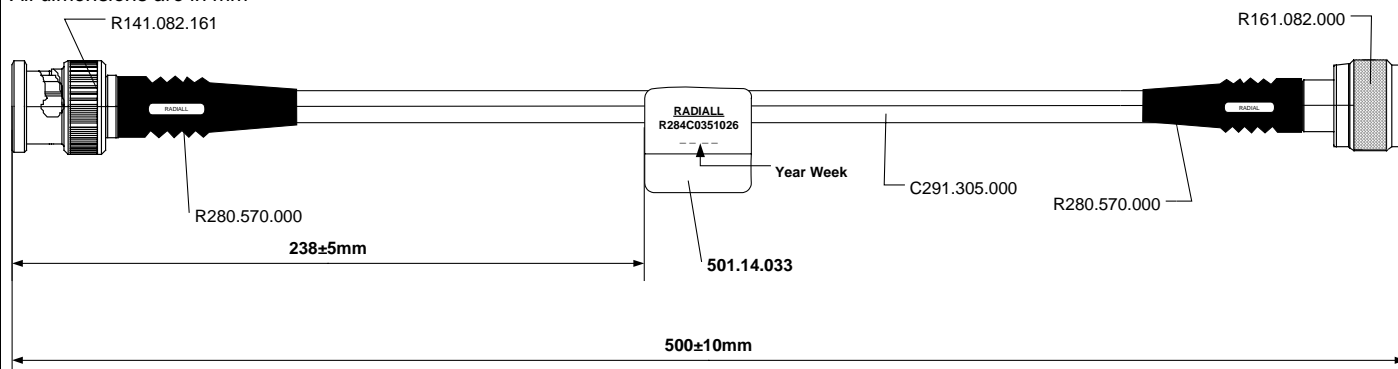
Customer : **Radio Spares**

Specification : **NA**

Issue : **NA**

Date : **N/A**

All dimensions are in mm



Connectors designation :

**Connector 1 : BNC Straight Plug Crimp Type  
Cable 5/50 S (R141.082.161)**

**Connector 2 : N Straight Plug Full Crimp Type  
Cable 5/50 S (R161.082.000)**

Cable designation :

**Flexible Cable 5/50S (RG58)  
C291.305.000**

Nominal length :

**Lg: 500 mm**

Cable colour :

**Black**

Outer diameter :

**4.95 mm**

Accessories :

**Plastic Boots (R280.570.000)**

### ELECTRICAL CHARACTERISTICS :

#### High Frequency

Characteristic impedance : **50±2 Ohms**

Frequency range : **DC-1GHz**

Insertion Loss : **0.55dB max. @ 1GHz & 20 °C**

VSWR. : **NA**

#### Low Frequency

Insulation Resistance : **5000M Ohms min.**

Voltage Rating : **500 Veff max**

### MECHANICAL CHARACTERISTICS :

Recommend min. bend radius : **20 mm**

Cable crush resistance : **NA**

Life ( connectors ) : **100 cycles**

### ENVIRONMENTAL CHARACTERISTICS :

Operating temperature range : **-35° C to +70° C**

Remark : **NA**

Attachment : **R141.082.161-TDS , R161.082.000-TDS**

**C291.305.000 (RG58)-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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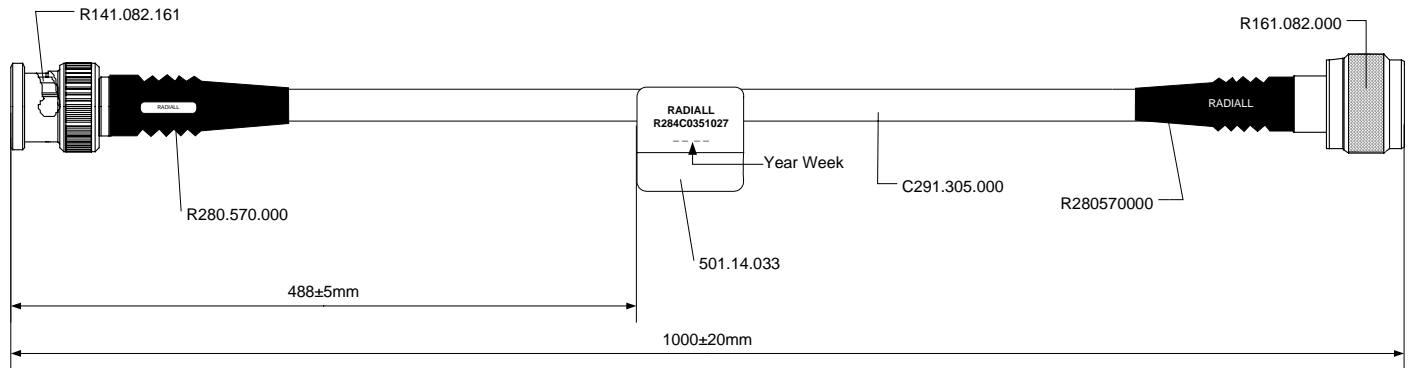
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**Connector 2 : N Straight Plug Full Crimp Type  
Cable 5/50 S (R161.082.000)**

Cable designation :

**Flexible Cable 5/50S (RG58)  
C291.305.000**

Nominal length :

**Lg: 1000 mm**

Cable colour :

**Black**

Outer diameter :

**4.95 mm**

Accessories :

**Plastic Boots (R280.570.000)**

### ELECTRICAL CHARACTERISTICS :

#### High Frequency

Characteristic impedance : **50±2 Ohms**

Frequency range : **DC-1GHz**

Insertion Loss : **1.01dB max. @ 1GHz & 20 °C**

VSWR. : **NA**

#### Low Frequency

Insulation Resistance : **5000M Ohms min.**

Voltage Rating : **500 Veff max**

### MECHANICAL CHARACTERISTICS :

Recommend min. bend radius : **20 mm**

Cable crush resistance : **NA**

Life ( connectors ) : **100 cycles**

### ENVIRONMENTAL CHARACTERISTICS :

Operating temperature range : **-35° C to +70° C**

Remark : **NA**

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