



Service cordons  
BP 30 Rue Velpeau  
37110 Château Renault

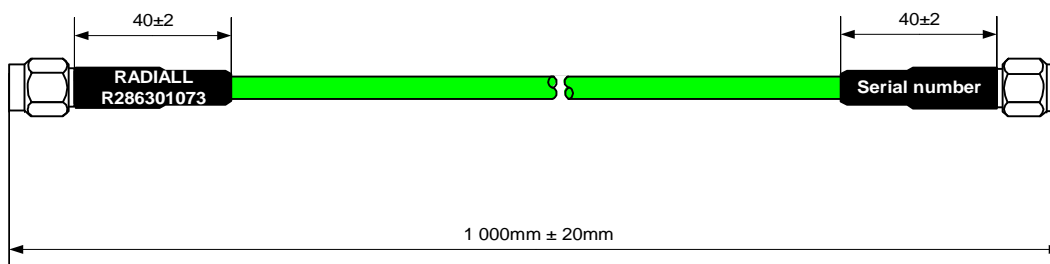
## TECHNICAL DATA SHEET

Fiche technique  
**CABLE ASSEMBLY**  
cordon

**PART NUMBER :** R286301073  
*Référence*  
**ISSUE :** 07/32  
*Edition*  
**DATE :** 08/08/2007  
*Date*

**CUSTOMER :**  **SPECIFICATION :** - **ISSUE :** - **DATE :** 19/06/2007  
*Client Spécification Issue Date*

All dimensions are in mm / Toutes les dimensions sont indiquées en mm



**Connectors designation:** Connector 1: R125055002 Connector 2: R125055002  
*Désignation connecteurs Connecteur 1 Connecteur 2*  
SMA straight plug SMA straight plug  
Stainless steel passivated Stainless steel passivated  
**Torque wrench :** 110 N.cm **Torque wrench :** 110 N.cm  
*Couple de serrage Couple de serrage*

**Cable designation / Désignation câble:** F1703-194 - SHF4.2M  
**Protective Jacket / Gaine de protection:** -  
**Outer diameter / Diamètre extérieur :** 4.20 mm max  
**Marking / Marquage:** White marking on black heatshrink sleeves

### ELECTRICAL CHARACTERISTICS / Caractéristiques électriques

**Characteristic impedance** 50 ±1 Ohms  
*Impédance caractéristique*  
**Frequency band :** DC - 18 GHz  
*Bande de fréquence*  
**Max insertion loss :** 1.90 dB at 18GHz at 20°C  
*Pertes d'insertion max*  
**Max return loss :** 1.30 :1 (17,69dB) in the Frequency band : DC - 18GHz  
*ROS max*

### MECHANICAL CHARACTERISTICS / Caractéristiques mécaniques

**Static bending radius :** 25 mm  
*Rayon de courbure statique*  
**Dynamic bending radius :** 40 mm  
*Rayon de courbure dynamique*  
**Life (Connectors) :** 500 Cycles  
*Nbre de manœuvre connecteurs*

<b>CUSTOMER'S APPROVAL</b>
Service or Company's stamp
Name Date

### ENVIRONMENTAL CHARACTERISTICS / Caractéristiques environnementales :

**Temperature range :** -55 to +105°C  
*Gamme de température*

C.BAR	07/32	08/08/2007	Update of the temperature range	C.DAVENEL
C.BAR	07/28	10/07/2007	first issue	J.SENDAT
<b>Name / nom</b>	<b>Issue / Edition</b>	<b>Date</b>	<b>Modification</b>	<b>Checked by</b>

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