Technical Data Sheet

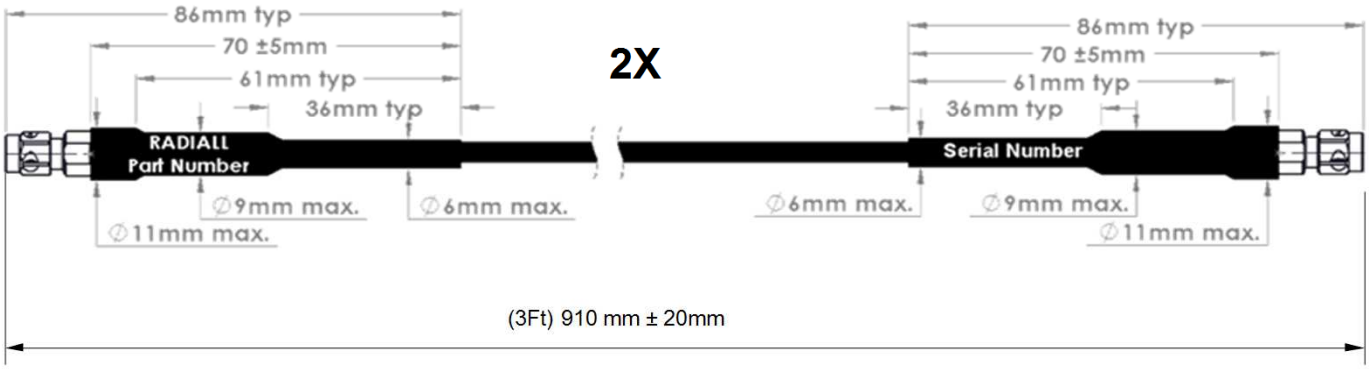
KIT 2* 2 SMA2.9 STRAIGHT PLUG SHF4M 910MM

PAGE 1/1	ISSUE 22/08/2019	SERIES SHF C/A	PART NUMBER R286304786

CUSTOMER : - SPECIFICATION : - ISSUE : - DATE: -

All dimensions are in mm

For more details, please see connectors TDS



CONNECTORS DESIGNATION	Connector 1:	**R127801L11** **SMA2.9 Straight Plug** **Stainless steel (316L) Passivated** **Torque wrench : 110 N.cm**	Connector 2: **R127801L11** **SMA2.9 Straight Plug** **Stainless steel (316L) Passivated** **Torque wrench : 110 N.cm**

CABLE DESIGNATION	**SHF4M**
PROTECTIVE JACKET	
OUTER DIAMETER	**4,10** mm max
MARKING	**White marking on black heatshrink sleeves**

ELECTRICAL CHARACTERISTICS

Characteristic impedance	**50**	Ohms	
Frequency band :	**DC - 36**	GHz	
Max insertion loss :	**2,50**	dB	**at 36GHz at 20℃**
Max return loss :	**1,35**	:1	**(-16,54 dB) in the frequency band DC - 36GHz**
Phase Matching:	**In a window of [26°]**	By pair of C/A	**at 36GHz at 20℃** (1ps)

MECHANICAL CHARACTERISTICS

Min. Static bending radius :	**20**	mm
Min. Dynamic bending radius :	**40**	mm
Life (Connectors) :	**500**	Cycles

CUSTOMER'S APPROVAL

Service or
Company's stamp

Name
Date

ENVIRONMENTAL CHARACTERISTICS

Temperature range : **-55 to +125 ℃**

In case of difference between the performances announced into the TDS and the customer specification, the TDS is the document of reference for the order.
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