Technical Data Sheet

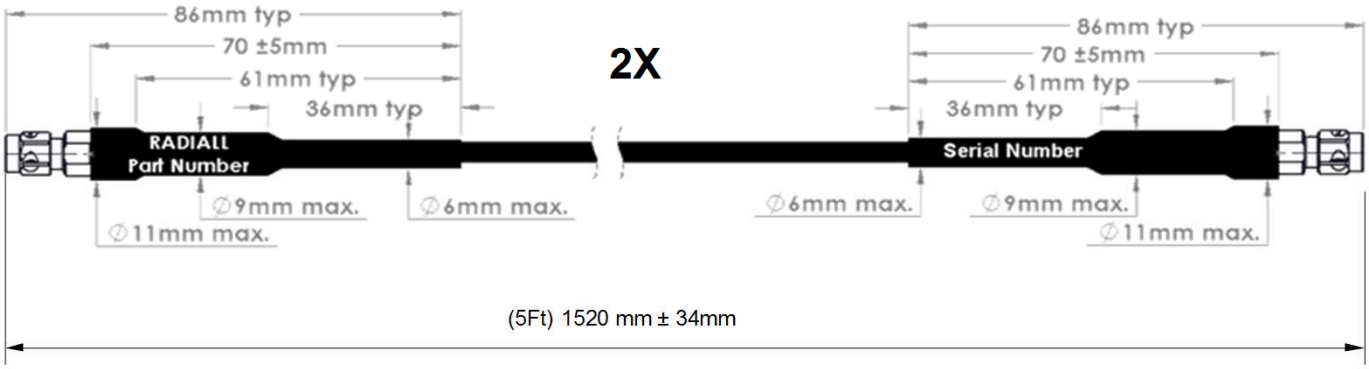
KIT 2* 2 SMA2.9 STRAIGHT PLUG SHF4M 1520MM

PAGE 1/1	ISSUE 22/08/2019	SERIES SHF C/A	PART NUMBER R286304680

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 :	**3,90** dB	**at 36GHz at 20°C**	
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°C**	(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 °C**

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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