

Microwave High Temperature Flexible Low Loss Test Grade Cable Assembly

- * 100% "go/no-go" VSWR test to 18 GHz
- * 100% Hi-POT tested, Voltage = 500 volts
- * Labeling = Part Number and Date Code
- * Temperature Range: -55 °C to 155 °C
- * RoHS compliant

18 GHz RF Specifications @ 25 °C

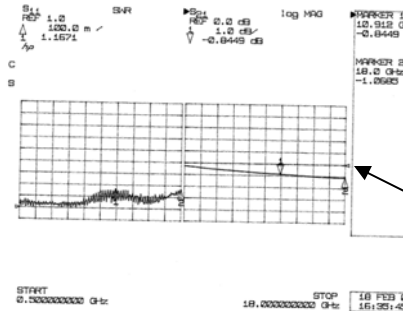
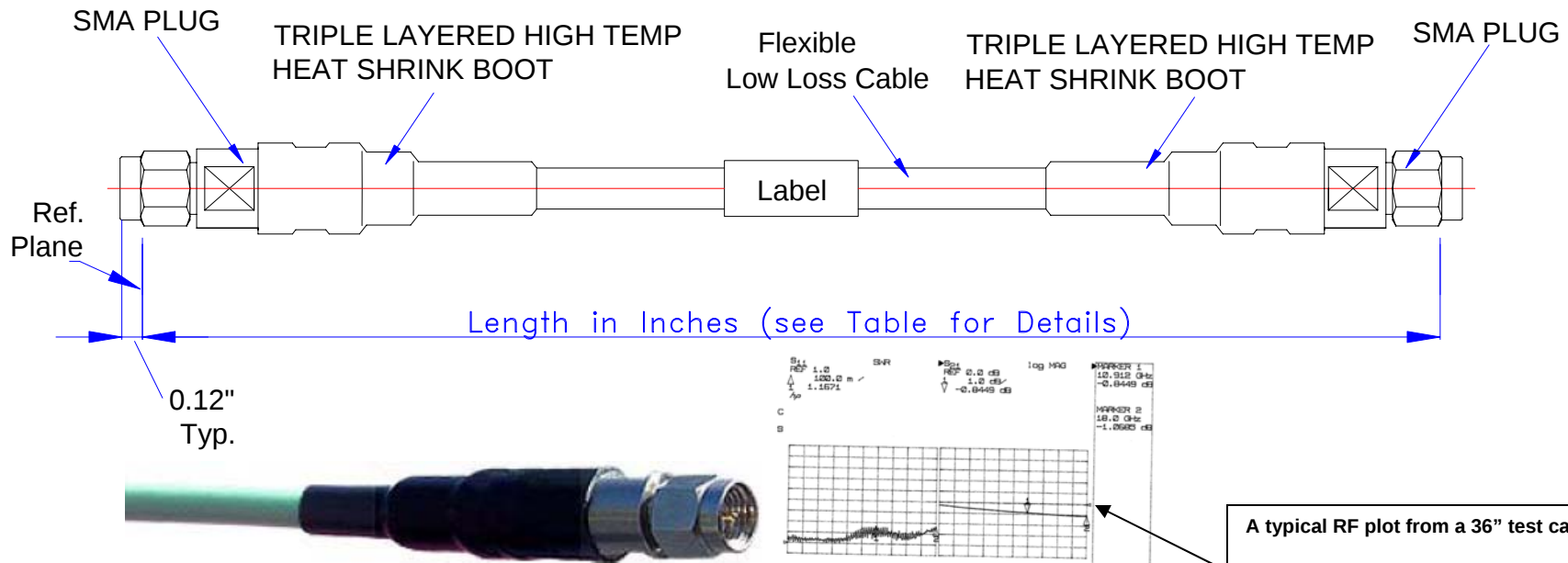
- * VSWR: Max. 1.35 : 1
- * Insertion Loss (dB): Typical $0.25 + 0.03 \times \text{Length (in inches)}$

Part Number	Connector Type	Cable Length
P1-SMAP/SMAP-HTG200-XX	SMA Stainless Steel (passivated), Au-plated BeCu Center Contact	XX = Length in inch
Cable with FEP Jacket OD=0.200" Nominal, Velocity of Propagation: 80% Normal		

Length and Tolerance

L (inches)	Tolerance (inches)
12	± 0.250
18	± 0.250
24	± 0.313
36	± 0.375
48	± 0.500

Note:
Other lengths and matched pair are
available for additional charge



A typical RF plot from a 36" test cable

- * VSWR = 1.17 : 1 up to 18 GHz
- * Insertion Loss = -1.07 dB up to 18 GHz

Contact :
P1dB
EXCLUSIVE DISTRIBUTOR
RFMW, LTD.
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 Tel: (877) 367-7369

			SIZE A	SCALE NO	UNLESS OTHERWISE SPECIFIED TOLERANCES: .XX = .XXX = DIMENSIONS ARE IN INCHES		P1dB
			REV. A	SHEET 1/1			
DRAWING BY:	P. Xie	DATE:	1/12/2010				
CHECKED BY:	W. Lu	DATE:	1/12/2010		PART NO.		TITLE
			P1-SMAP/SMAP-HTG200-XX			SMA Plug Test Grade Cable Assembly	
APPROVED BY:	S. Ulett	DATE:	1/12/2010				