

MEIRGEN

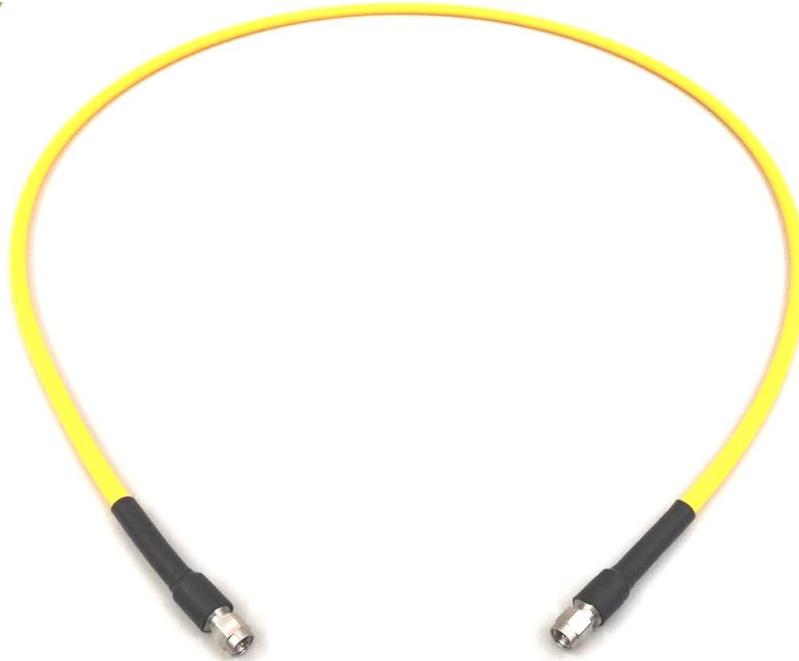
CA18A-XXX-ASM-ASM
SMA TEST CABLE

SPECIFICATIONS

Date : Jan. 29, 2019

Meirgen Electronics Corp.

CA18A-XXX-ASM-ASM SMA TEST CABLE SPECIFICATIONS



■ ELECTRICAL SPECIFICATIONS

ITEM	MIN	TYP	MAX	UNIT
Return Loss (DC ~ 26.5 GHz)	15	30		dB
Shielding Effectiveness	100			dB
IL stability vs. Flexure [dB @minimum BR]	±0.3			
Phase Stability vs. Flexure [@18GHz Max]	4 Deg			
Power Handling	231 Watt @18GHz at sea level			
Phase Matching	On request			

■ ENVIRONMENTAL DATA

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ITEM	DESCRIPTION
Temperature Range	-55°C to +135°C
2002/95/EC(RoHS)	Compliant

■ Mechanical

ITEM	DESCRIPTION
Durability	500 Cycles
Mating Torque	8 ~ 10 inch · pound

■ CONFIGURATION SPECIFICATIONS

ITEM	DESCRIPTION
Connector 1 type	SMA Male
Connector 1 Body Style	Straight
Body Material and Plating	Passivated Stainless Steel
Connector 2 type	SMA Male
Connector 2 Body Style	Straight
Body Material and Plating	Passivated Stainless Steel
Cable Type	A Series

■ CABLE SPECIFICATIONS

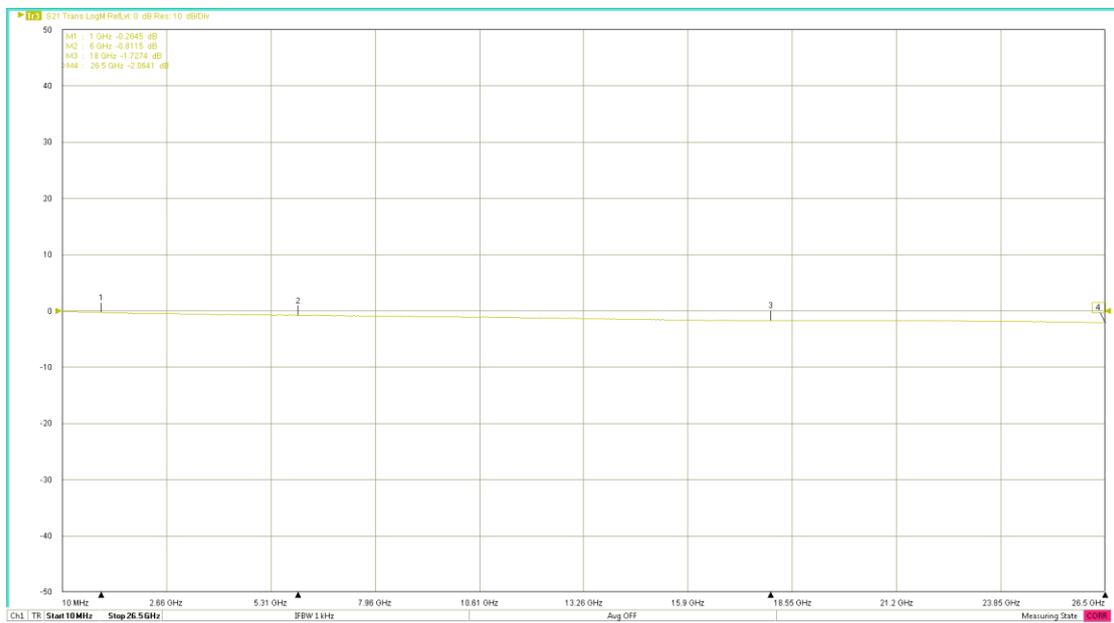
ITEM	DESCRIPTION
Center Conductor	Silver plated copper
Dielectric	Low Density PTFE
Jacket	FEP
Dielectric Constant	1.7
Velocity of propagation(%)	77
Min. bending radius(mm)	29.2
Jacket Diameter(mm)	5.8
Capacitor [pF/m]	85

■ PART NUMBER LIST

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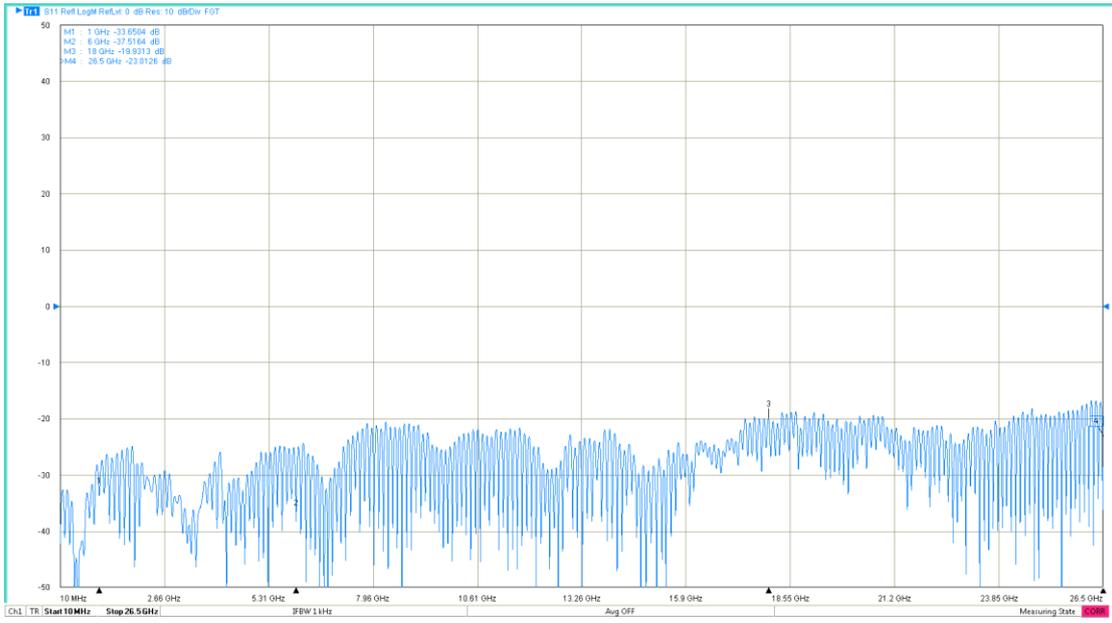
Part Number CA18A-XXX-ASM-ASM	Length [M]	Insertion Loss (Typical dB)			
		1GHz	6GHz	18GHz	26.5GHz
CA18A-1M-ASM-ASM	1±0.02	0.26	0.81	1.72	2.06

Insertion Loss:



S11:

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