

MEIRGEN

CA18A-72inch-ANMS-ANMS N TEST CABLE

SPECIFICATIONS

Date : Sept. 10, 2020

Meirgen Electronics Corp.

CA18A-72inch-ANMS-ANMS N TEST CABLE SPECIFICATIONS



■ ELECTRICAL SPECIFICATIONS

ITEM	MIN	TYP	MAX	UNIT
Return Loss (DC ~ 9GHz) [better than 30dB below 6GHz upon request]	20	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

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

Meirgen Electronics Corp.

■ CONFIGURATION SPECIFICATIONS

ITEM	DESCRIPTION
Connector 1 type	N Male
Connector 1 Body Style	Straight
Body Material and Plating	Passivated Stainless Steel
Connector 2 type	N 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

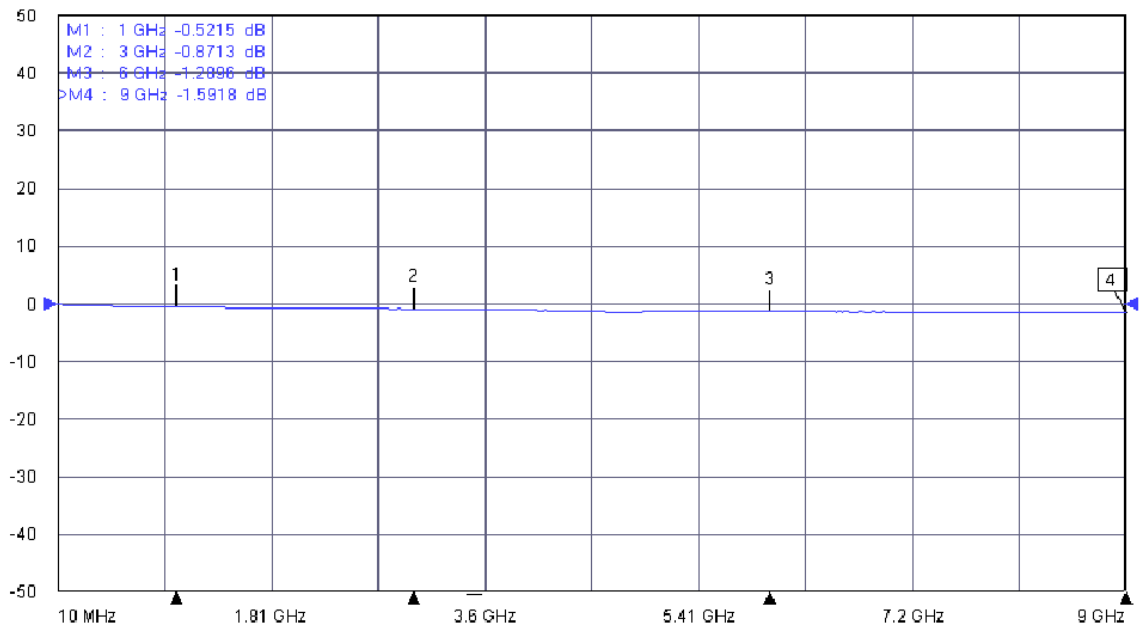
Meirgen Electronics Corp.

■ PART NUMBER LIST

Part Number CA18A-XXX-ANM-ANM	Length [inch]	Insertion Loss (Typical dB)			
		1GHz	3GHz	6GHz	9GHz
CA18A-72inch-ANMS-ANMS	72±1	0.52	0.87	1.3	1.5

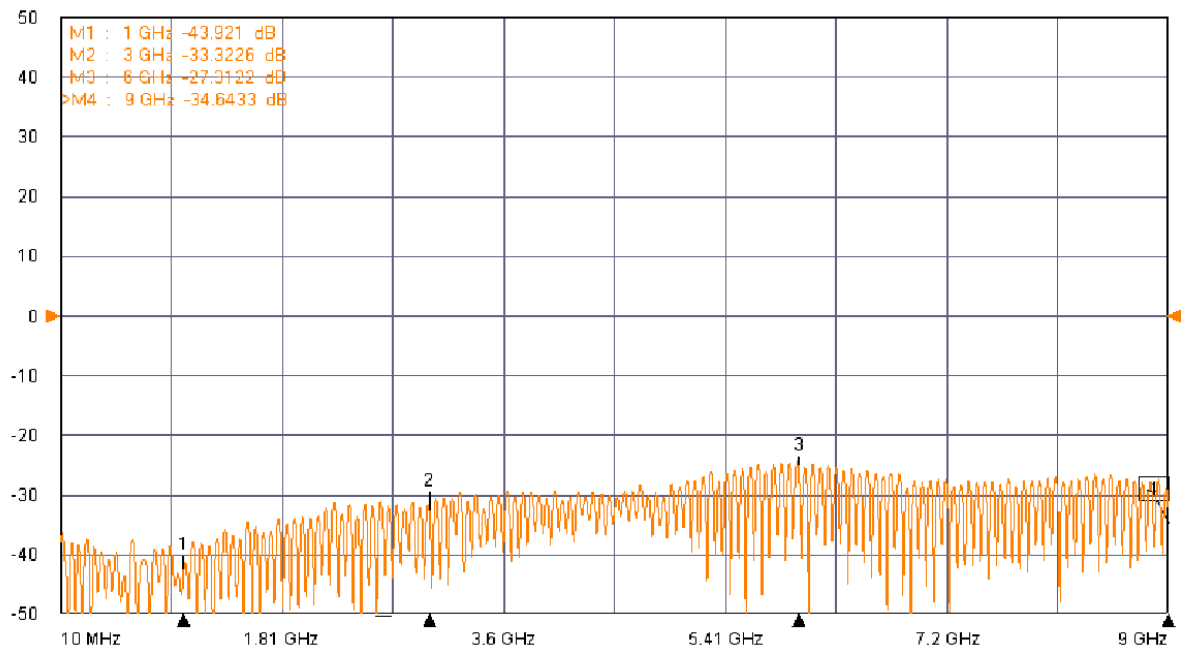
■ INSERTION LOSS

Tr3 S21 Trans LogM RefLvl: 0 dB Res: 10 dB/Div

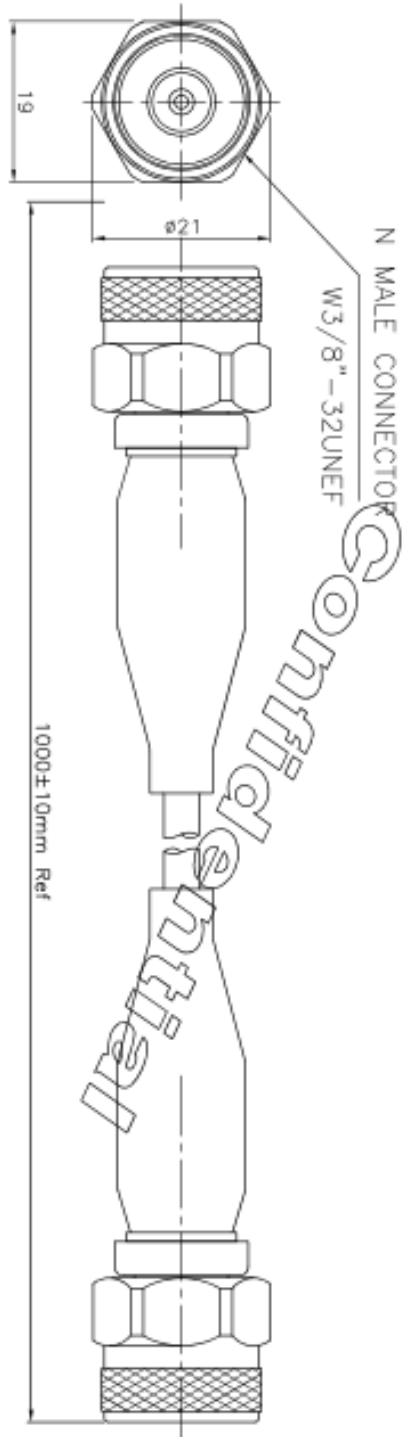


■ RETURN LOSS

Tr1 S11 Refl LogM RefLvl: 0 dB Res: 10 dB/Div



Meirgen Electronics Corp.



QO NO.	Mechanical Part	Dimension NAME	Test Model	QTY	MATERIAL	TREATMENT	SCALE	PART NO	CATBA-XXX-ANM-ANM	APPROVE	CHECK	DRAWN BY
				1		1 - 1	1 : 1					ALON
				UNIT	mm	0 - 1						201512.29
				VERSION								

A4