

MEIRGEN

CA18A-XXX-ASM-ANM
SMA TO N TEST CABLE

SPECIFICATIONS

Date : DEC. 29, 2015

Meirgen Electronics Corp.

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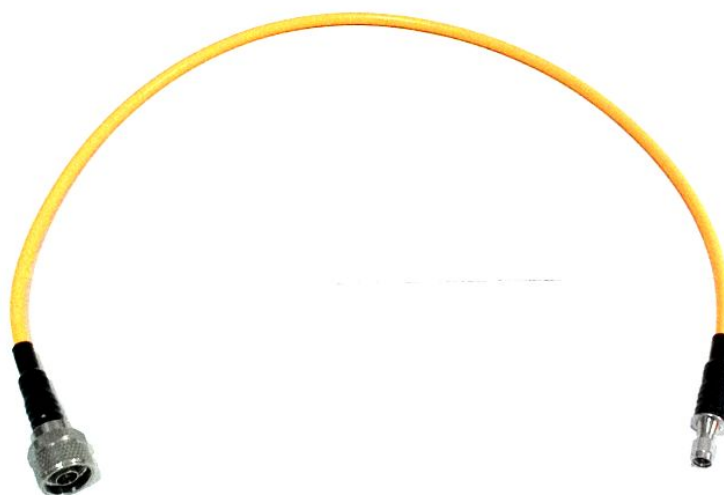
<http://www.meirgen.com>

E-mail: sales@meirgen.com.tw

Customer:

Sample No:

CA18A-XXX-ASM-ANM SMA TO N TEST CABLE SPECIFICATIONS



■ ELECTRICAL SPECIFICATIONS

ITEM	MIN	TYP	MAX	UNIT
Return Loss (DC ~ 18 GHz) [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	-40°C to +100°C
2002/95/EC(RoHS)	Compliant

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■ CONFIGURATION SPECIFICATIONS

ITEM	DESCRIPTION
Connector 1 type	SMA 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

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■ PART NUMBER LIST

Part Number CA18A-XXX-ASM-ANM	Length [M]	Insertion Loss (Typical dB)			
		3GHz	6GHz	10GHz	18GHz
CA18A-0.6M-ASM-ANM	0.6±0.02	0.43	0.62	0.82	1
CA18A-1M-ASM-ANM	1±0.02	0.5	0.55	0.7	0.94
CA18A-1.5M-ASM-ANM	1.5±0.02	0.84	1.22	1.62	2.1

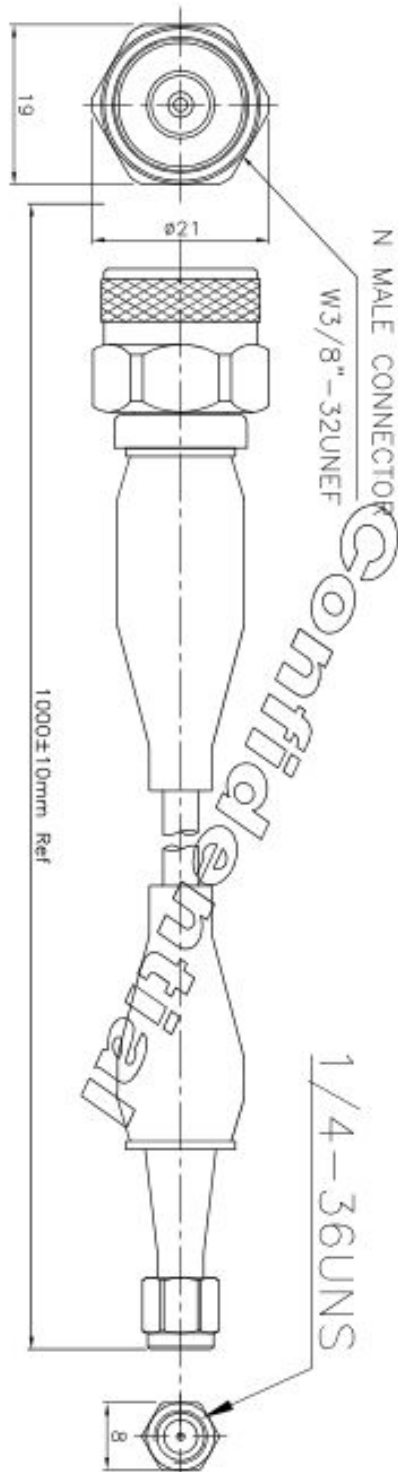
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QTY	Mechanical Dimension	Test Cable	UNIT	MATERIAL	TREATMENT	SCALE	PART NO	CAT8A-XXX-ASM-ANM	APPROVE	CHECK	DRAWN BY
1			UNIT	mm	PAGE 1 - 1	1 : 1					Alon
VERSION					0 - 1						2015/2/28

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