



CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

26.5 GHZ HAND FORMABLE .086 COAX CABLES



50 Ohm DC-26.5 GHz Hand Formable Coaxial Cables

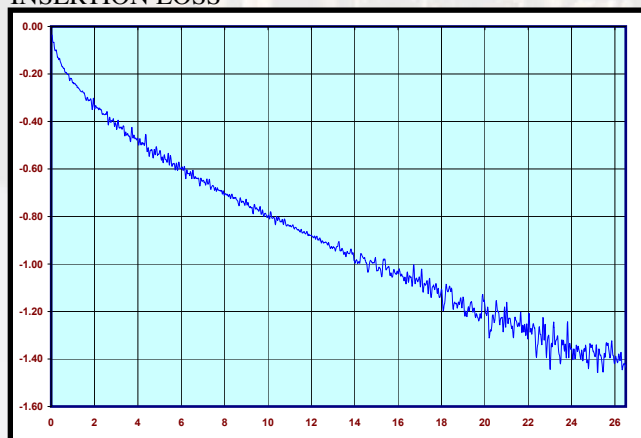
Features:

Center Conductor:	Silver-plated copper wire
Outer Braid:	Tin-soaked copper braid, 100% coverage
Insulation:	PTFE (Polytetrafluoroethylene) dielectric
Cable Outer Dia.:	0.086" (2.2mm)
Connectors:	Stainless Steel
Center Pin:	Gold plated brass
Operating Temperature:	-40°C to +85°C
Minimum Bend Radius:	0.125" (3.17mm) single bend 0.99" (25mm) multiple bends

Electrically Matched Pairs Available

PN: CCSMA26.5-MM-086-12

INSERTION LOSS



Electrical Specifications:

Impedance:	50 Ohms
Frequency:	DC to 26.5 GHz
Insertion Loss:	1.40 dB/ft at 26.5 GHz
VSWR:	<1.3, DC to 26.5 GHz
Nominal Capacitance:	29 pF/ft
Velocity of Propagation:	70%
RF Shielding:	> 100 dB
Attenuation (dB/ft):	0.16 Typ. at 0.5 GHz 0.22 Typ. at 1 GHz 0.80 Typ. at 10 GHz 1.13 Typ. at 18 GHz 1.40 Typ. at 26.5 GHz
*connector loss not included (refer to actual cable plot below)	

Avg. Power in (Watts):	900 @ 100 MHz
*as specified at 20°C	
	200 @ 1 GHz
	50 @ 10 GHz

Applications:	Jumpers Instrumentation High Frequency Interconnects
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SMA / SMA [Straight/Straight]

Part Number	Description	Length
CCSMA26.5-MM-086-3	.086 Hand Formable Coax Cable, SMA Male/Male, Straight/Straight	3"
CCSMA26.5-MM-086-4	.086 Hand Formable Coax Cable, SMA Male/Male, Straight/Straight	4"
CCSMA26.5-MM-086-5	.086 Hand Formable Coax Cable, SMA Male/Male, Straight/Straight	5"
CCSMA26.5-MM-086-6	.086 Hand Formable Coax Cable, SMA Male/Male, Straight/Straight	6"
CCSMA26.5-MM-086-7	.086 Hand Formable Coax Cable, SMA Male/Male, Straight/Straight	7"
CCSMA26.5-MM-086-8	.086 Hand Formable Coax Cable, SMA Male/Male, Straight/Straight	8"
CCSMA26.5-MM-086-10	.086 Hand Formable Coax Cable, SMA Male/Male, Straight/Straight	10"
CCSMA26.5-MM-086-12	.086 Hand Formable Coax Cable, SMA Male/Male, Straight/Straight	12"



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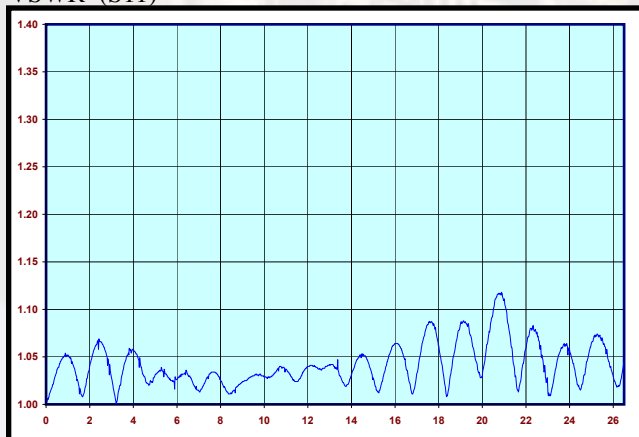
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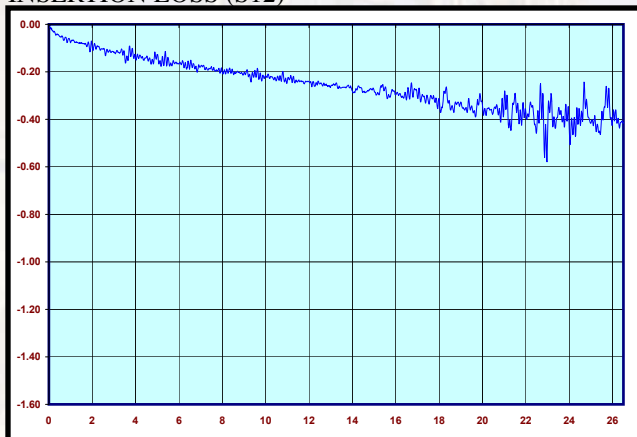
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VSWR (S11)



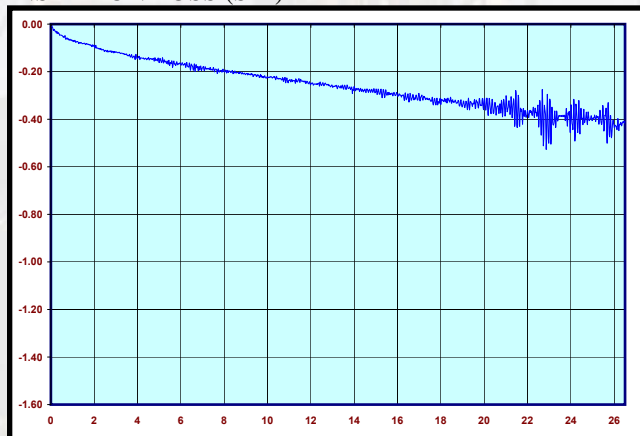
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INSERTION LOSS (S12)



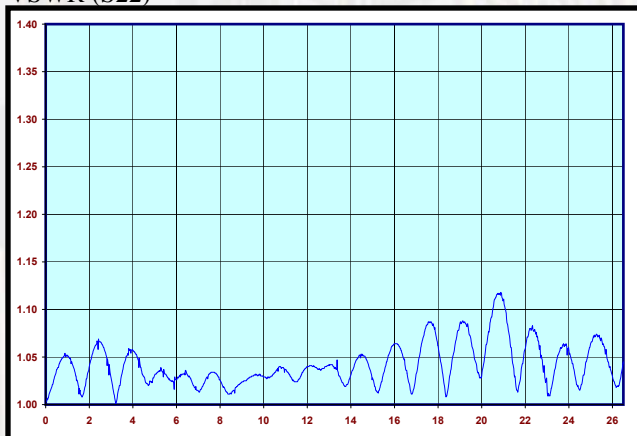
PN: CCSMA26.5-MM-086-3

INSERTION LOSS (S21)



PN: CCSMA26.5-MM-086-3

VSWR (S22)



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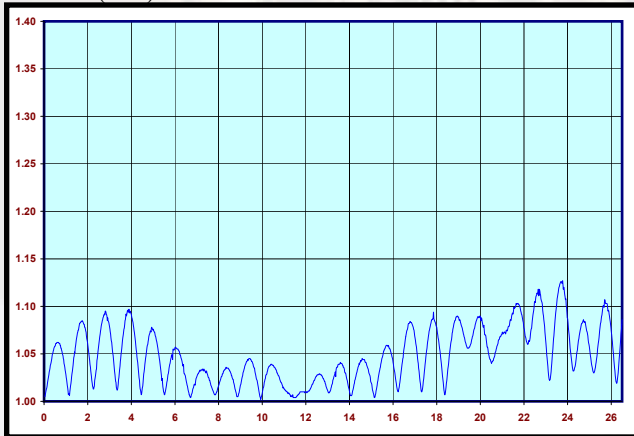
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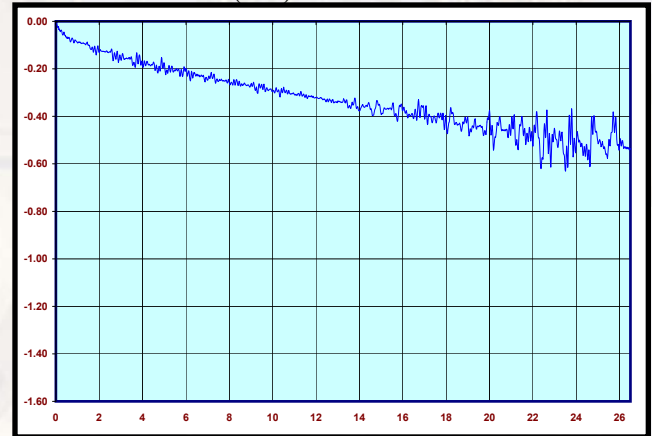


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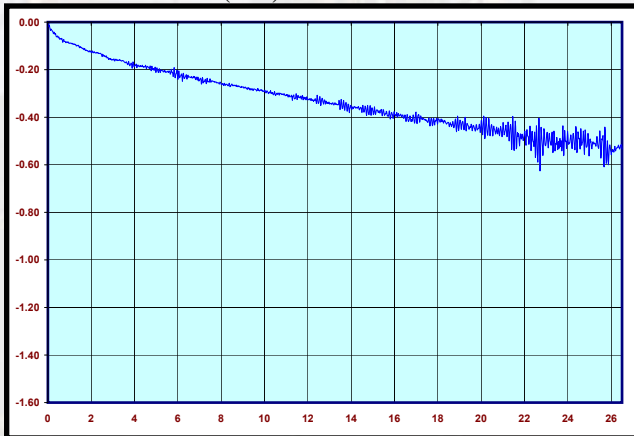
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VSWR (S11)



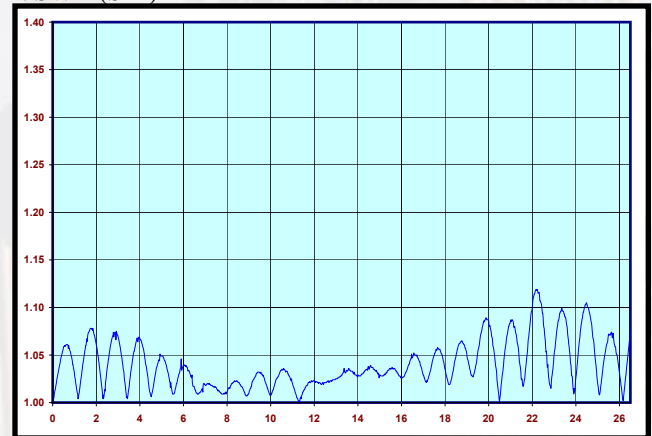
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INSERTION LOSS (S12)



PN: CCSMA26.5-MM-086-4
INSERTION LOSS (S21)



PN: CCSMA26.5-MM-086-4
VSWR (S22)



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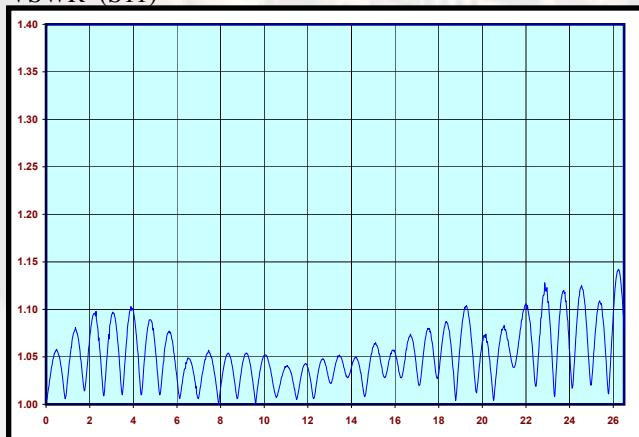
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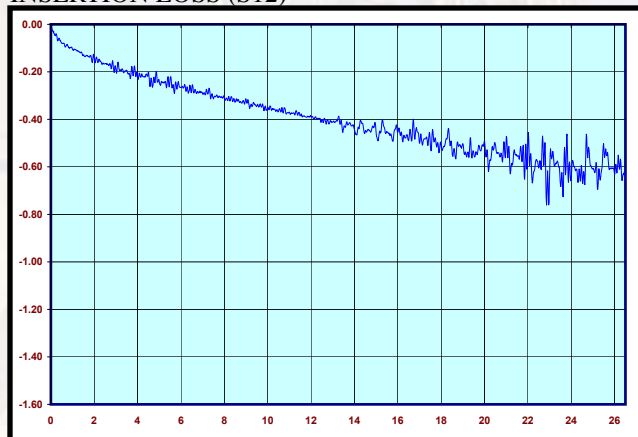


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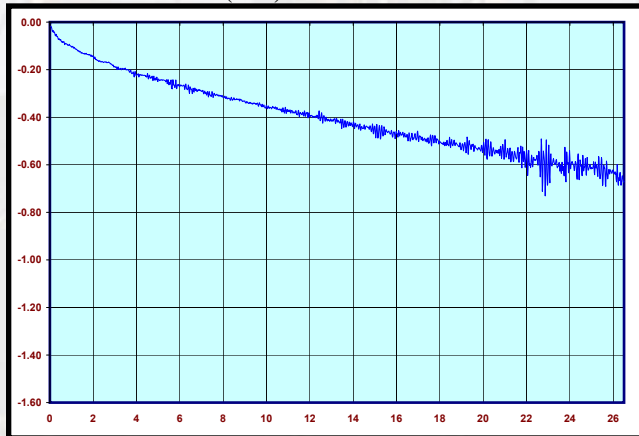
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VSWR (S11)



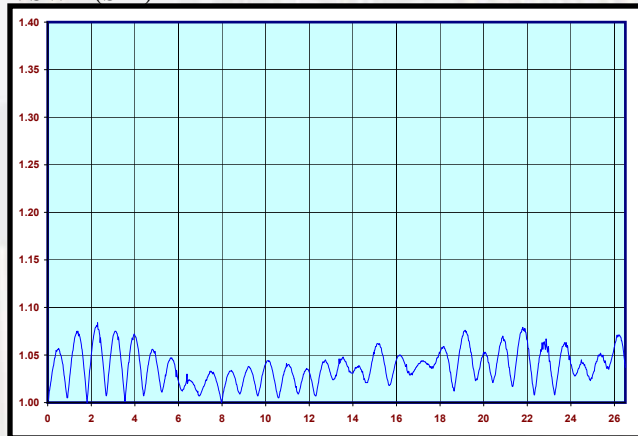
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INSERTION LOSS (S12)



PN: CCSMA26.5-MM-086-5
INSERTION LOSS (S21)



PN: CCSMA26.5-MM-086-5
VSWR (S22)



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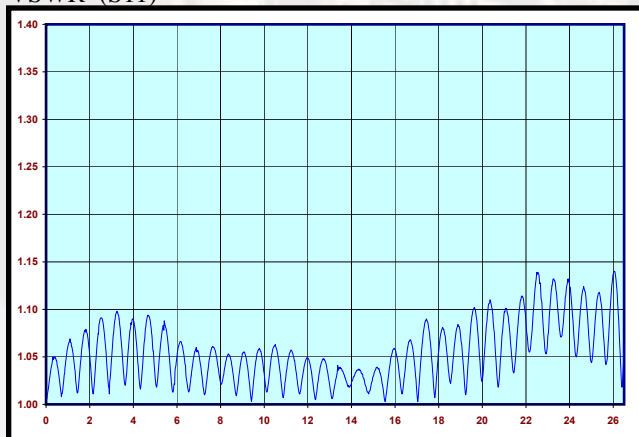
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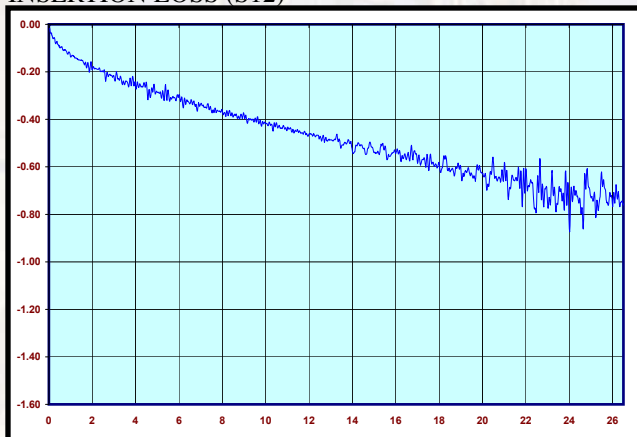
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VSWR (S11)



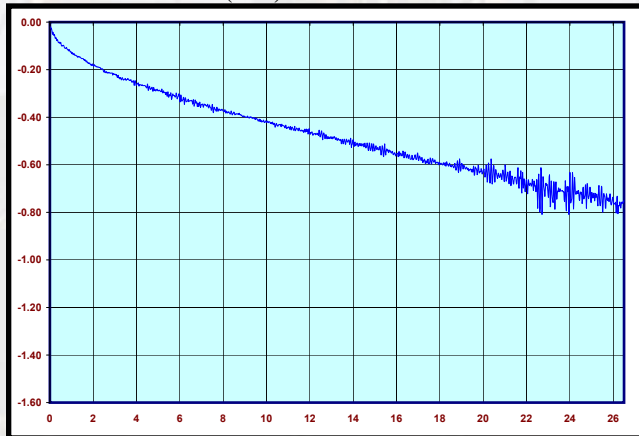
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INSERTION LOSS (S12)



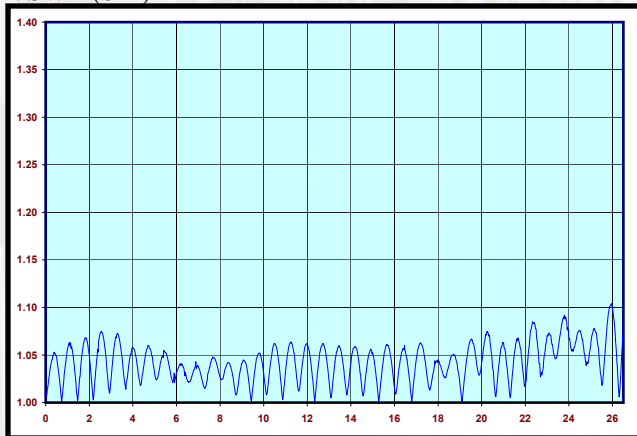
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INSERTION LOSS (S21)



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VSWR (S22)



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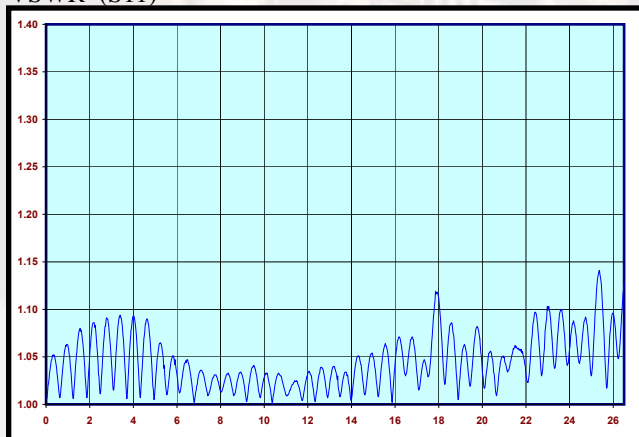
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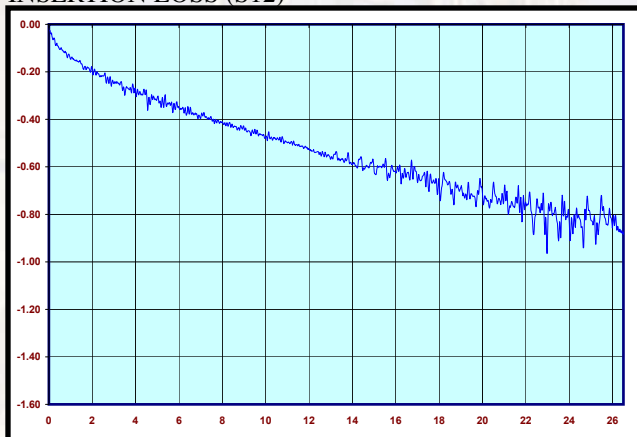
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VSWR (S11)



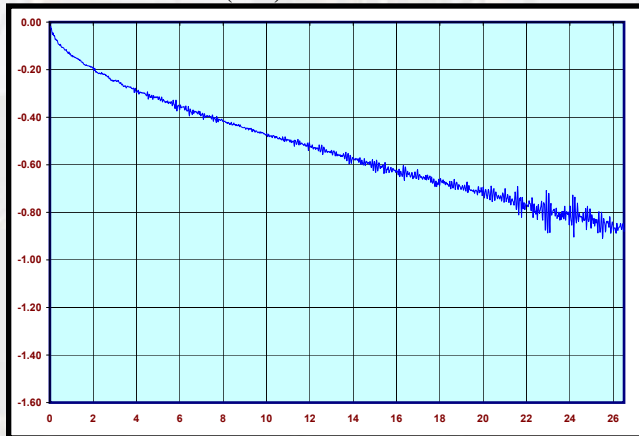
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INSERTION LOSS (S12)



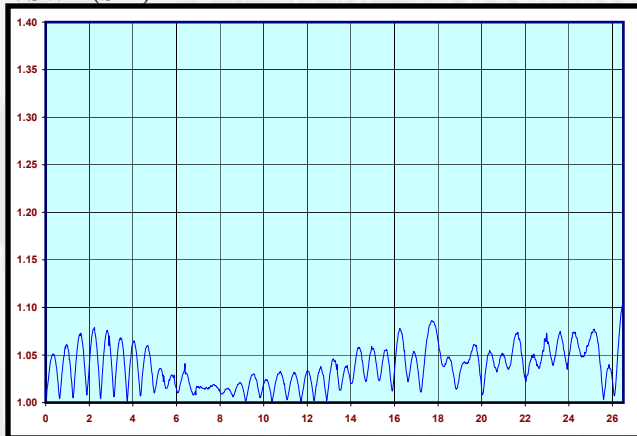
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INSERTION LOSS (S21)



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VSWR (S22)



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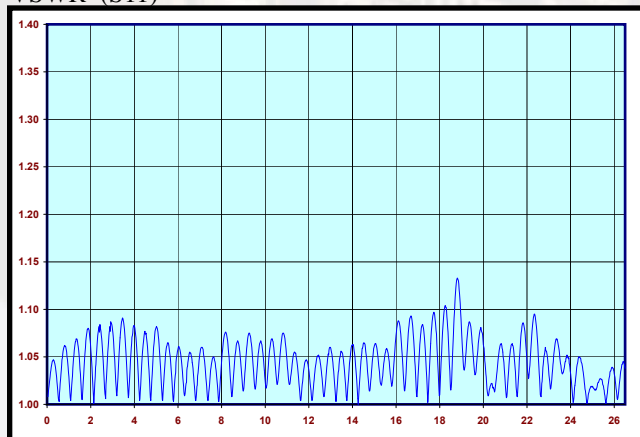
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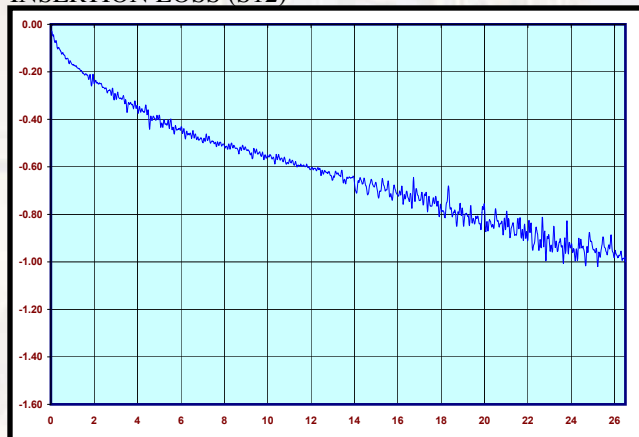
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VSWR (S11)



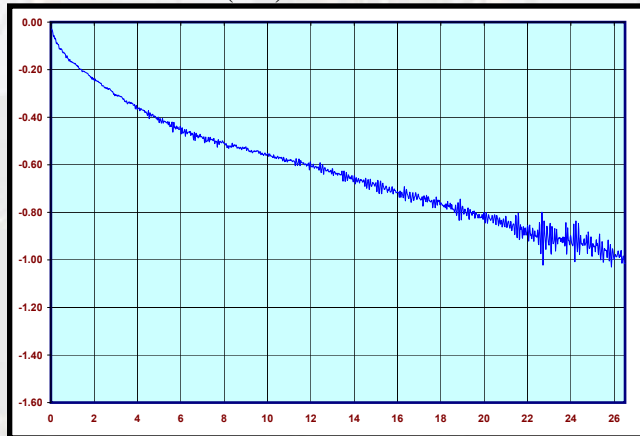
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INSERTION LOSS (S12)



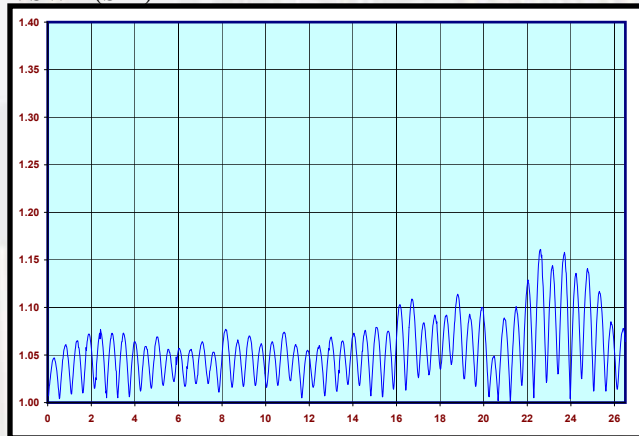
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INSERTION LOSS (S21)



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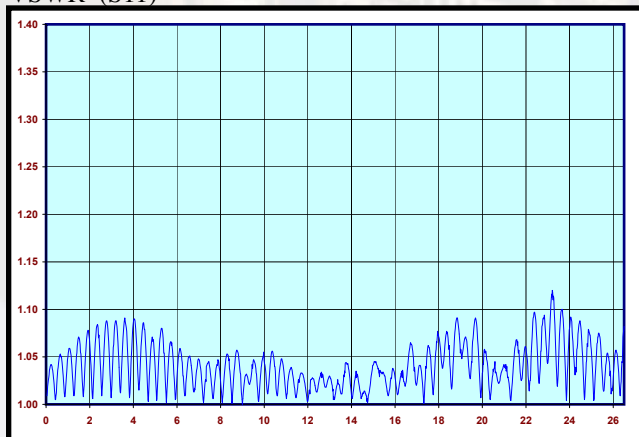
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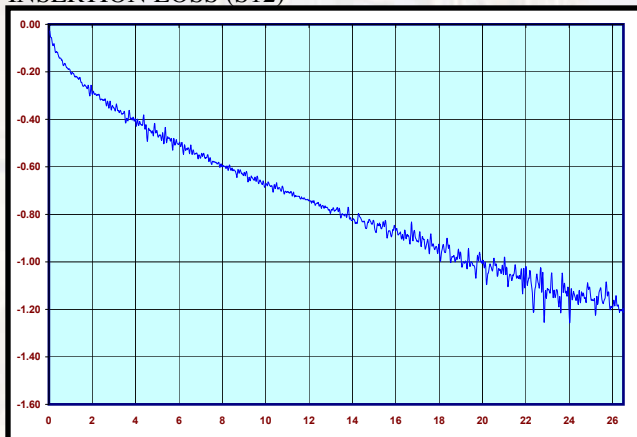
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VSWR (S11)



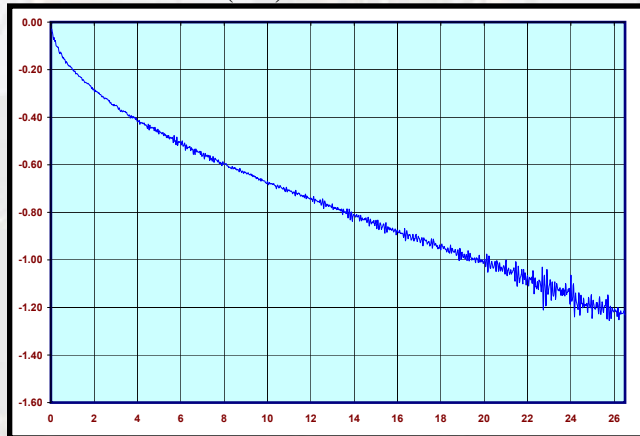
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INSERTION LOSS (S12)



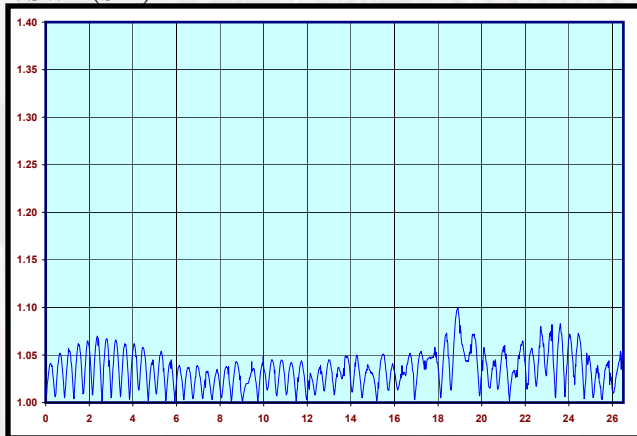
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INSERTION LOSS (S21)



PN: CCSMA26.5-MM-086-10

VSWR (S22)



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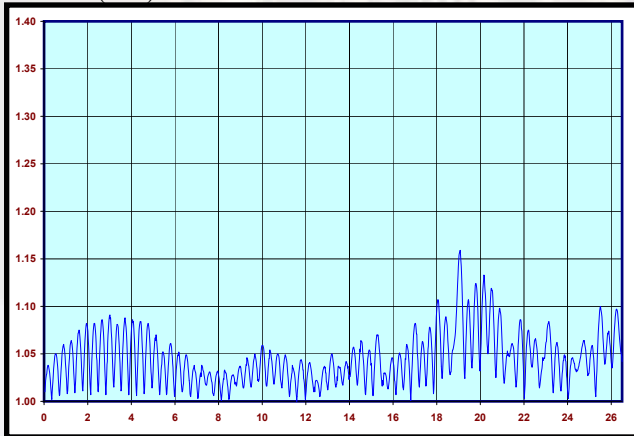
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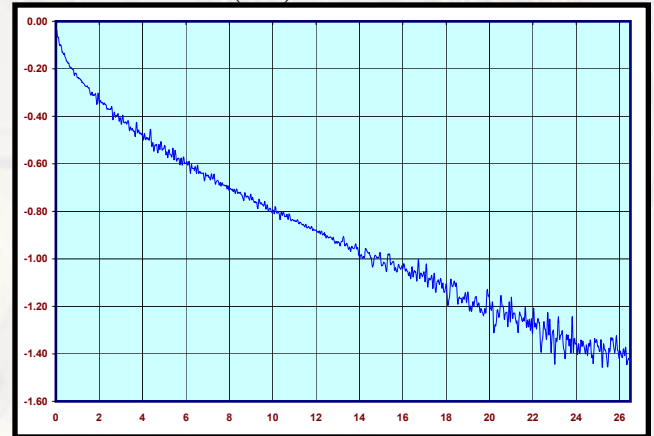


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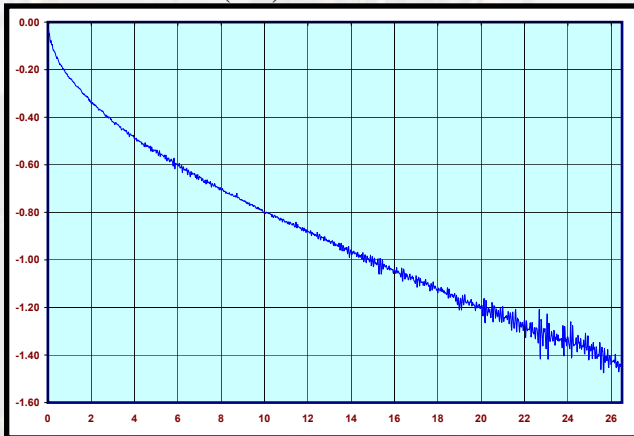
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VSWR (S11)



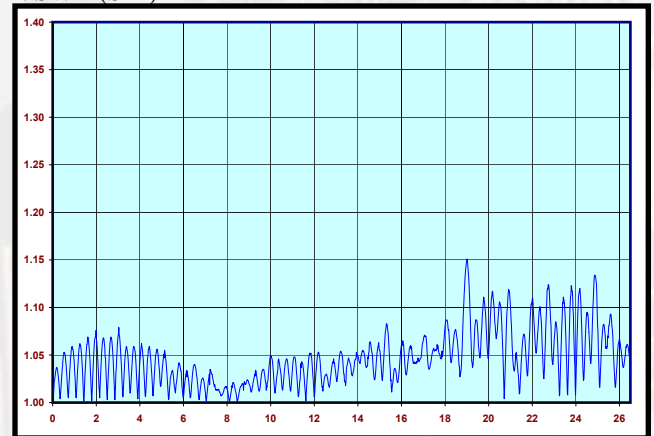
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INSERTION LOSS (S12)



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INSERTION LOSS (S21)



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Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

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