



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

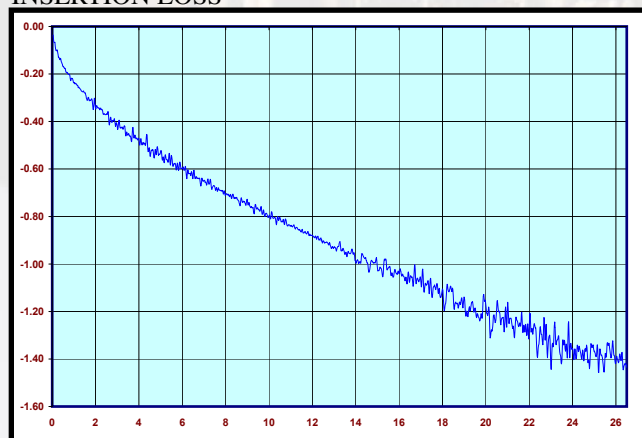
Features:

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
	200 @ 1 GHz
	50 @ 10 GHz

*as specified at 20°C

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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FAX: 239-561-1025 • WWW.CRYSTEK.COM Date: 10-16-11



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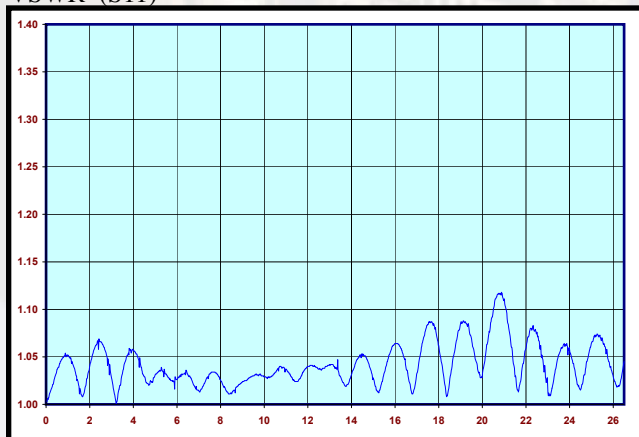
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Data plots contained within this specification is generated from actual production cable assemblies. This data represents the typical performance that can be expected from each cable assembly. The data is plotted from raw data without modification (IE: Smoothing or Averaging.)

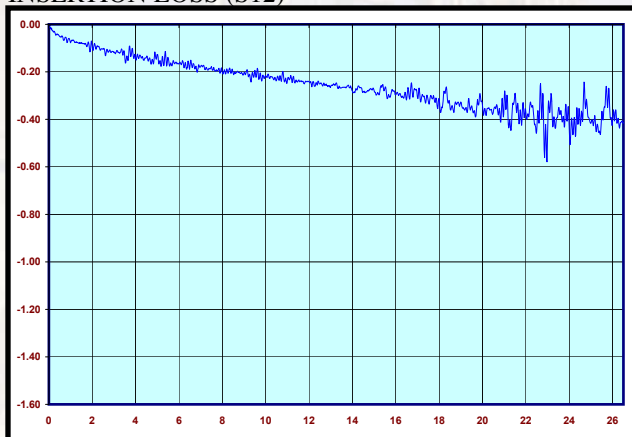
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VSWR (S11)



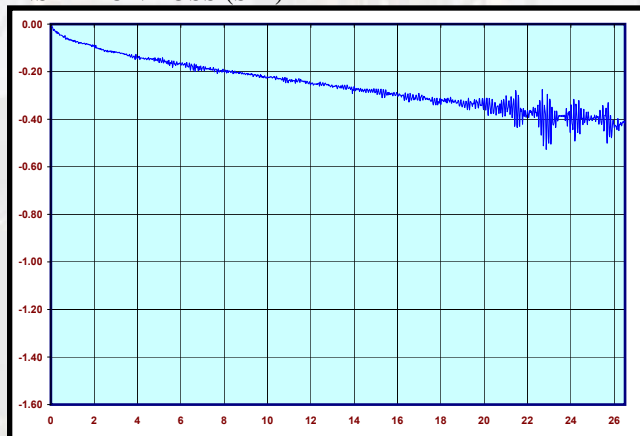
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INSERTION LOSS (S12)



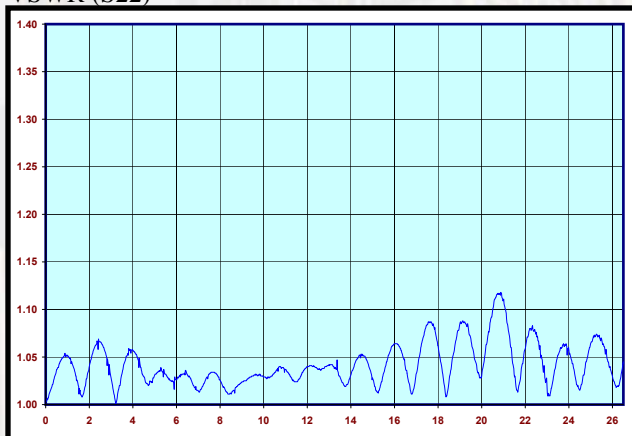
PN: CCSMA26.5-MM-086-3

INSERTION LOSS (S21)



PN: CCSMA26.5-MM-086-3

VSWR (S22)



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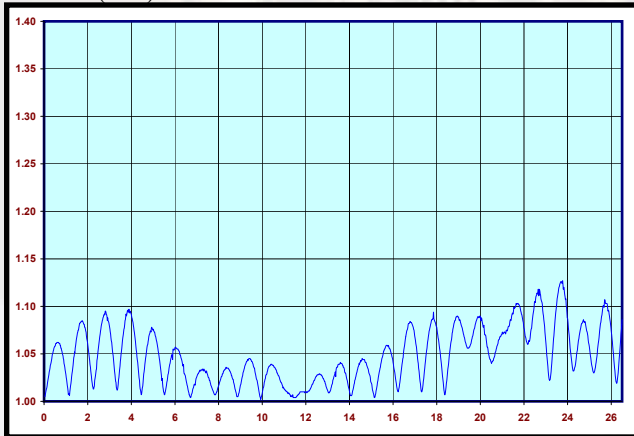
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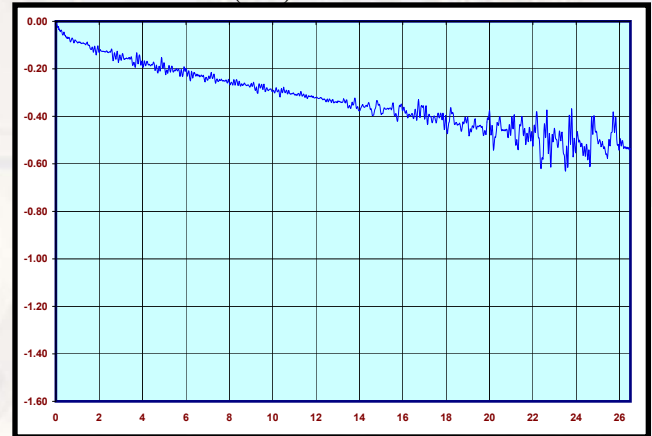


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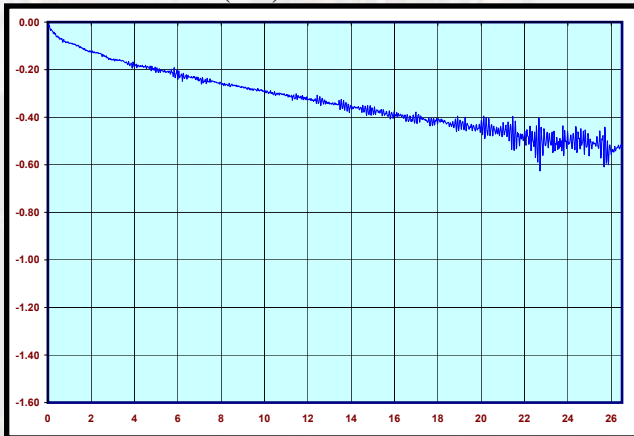
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VSWR (S11)



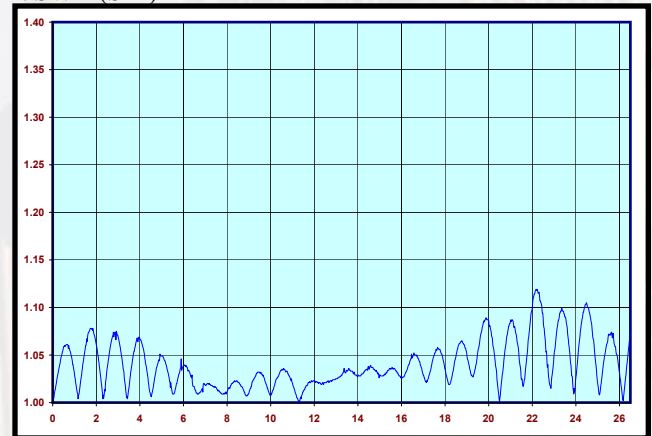
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INSERTION LOSS (S12)



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



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



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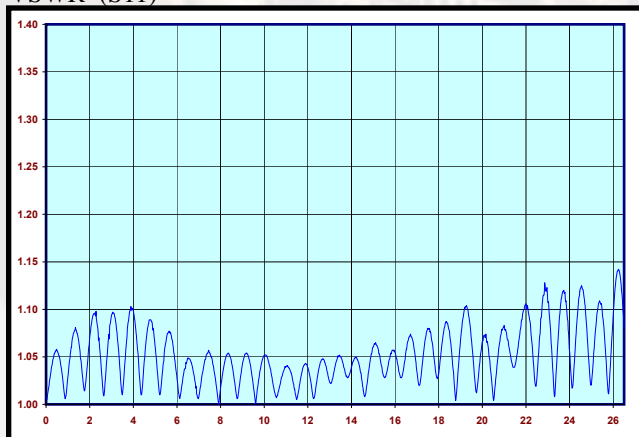
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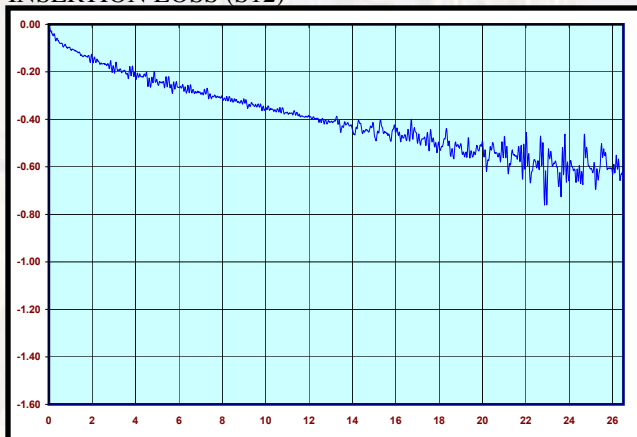
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VSWR (S11)



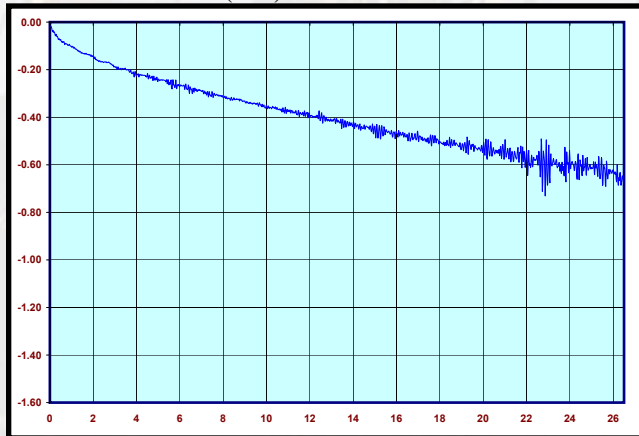
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INSERTION LOSS (S12)



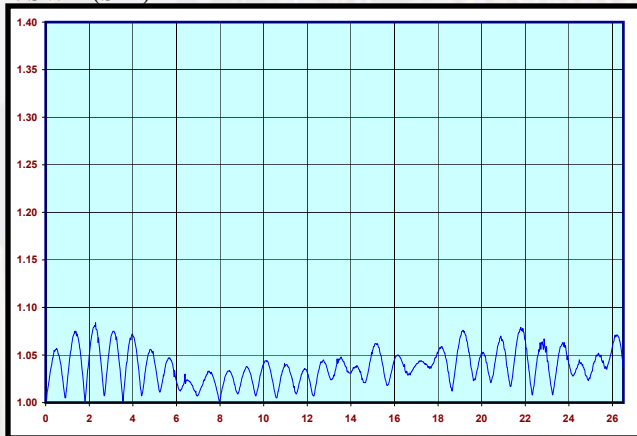
PN: CCSMA26.5-MM-086-5

INSERTION LOSS (S21)



PN: CCSMA26.5-MM-086-5

VSWR (S22)



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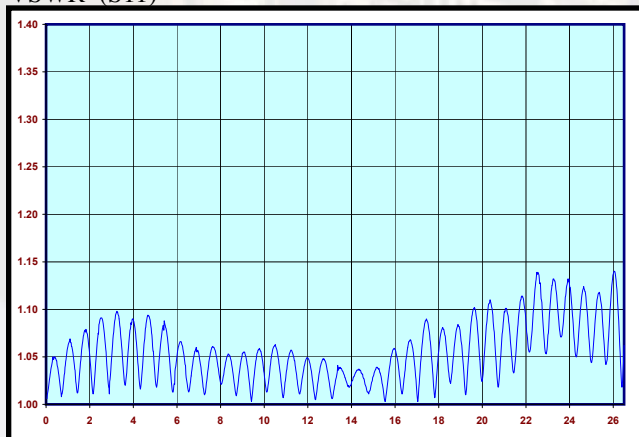
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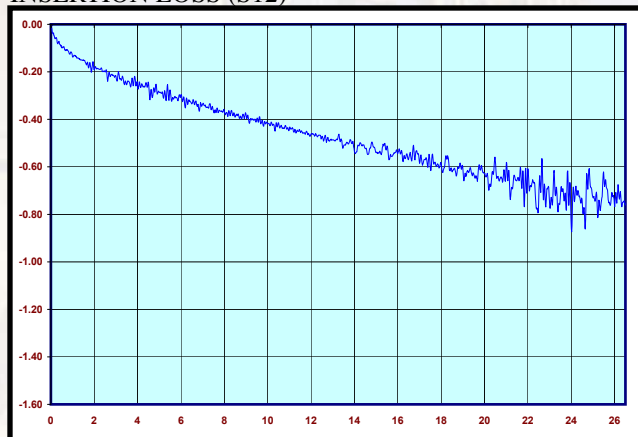


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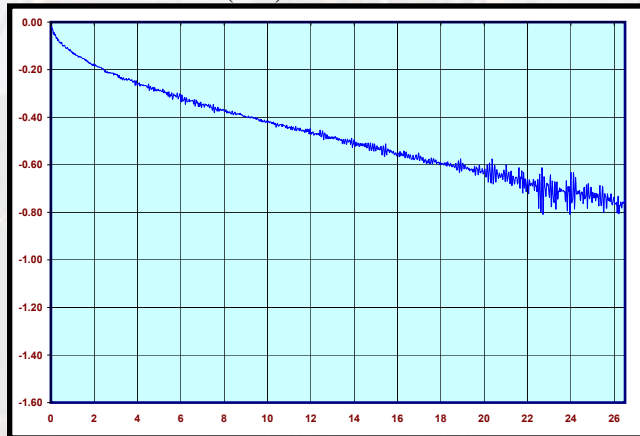
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VSWR (S11)



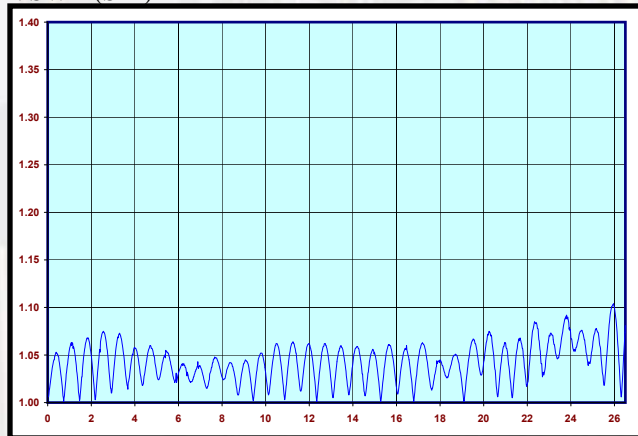
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INSERTION LOSS (S12)



PN: CCSMA26.5-MM-086-6
INSERTION LOSS (S21)



PN: CCSMA26.5-MM-086-6
VSWR (S22)



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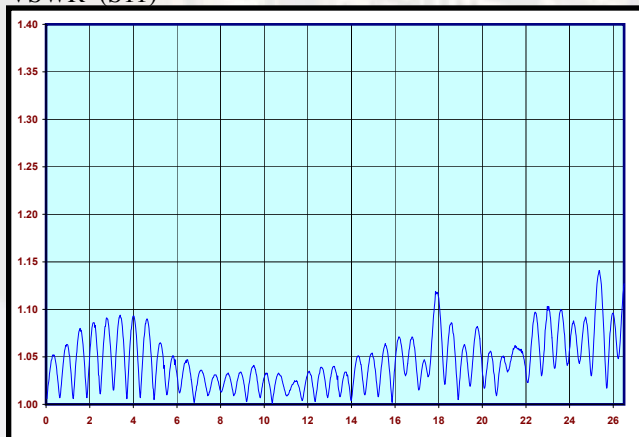
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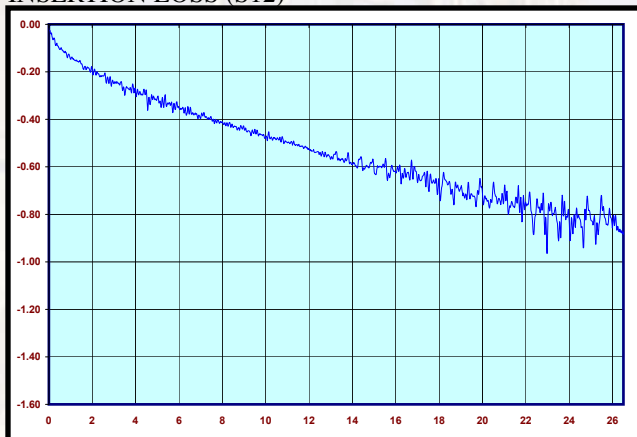
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VSWR (S11)



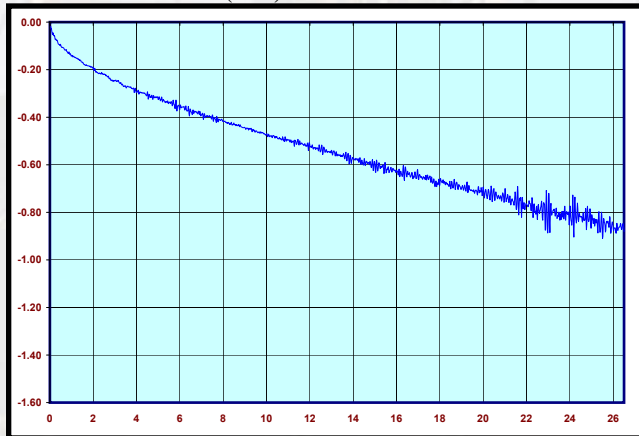
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INSERTION LOSS (S12)



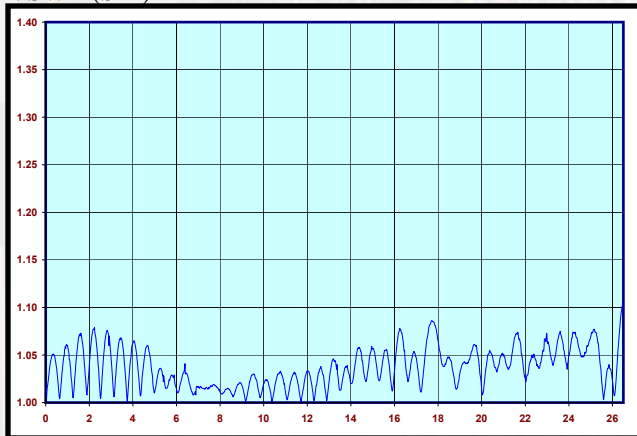
PN: CCSMA26.5-MM-086-7

INSERTION LOSS (S21)



PN: CCSMA26.5-MM-086-7

VSWR (S22)



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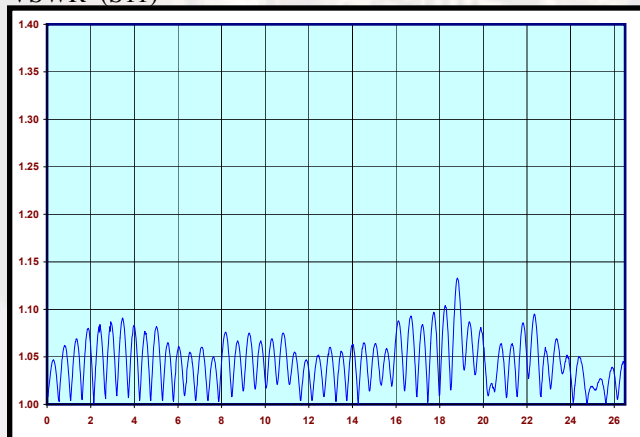
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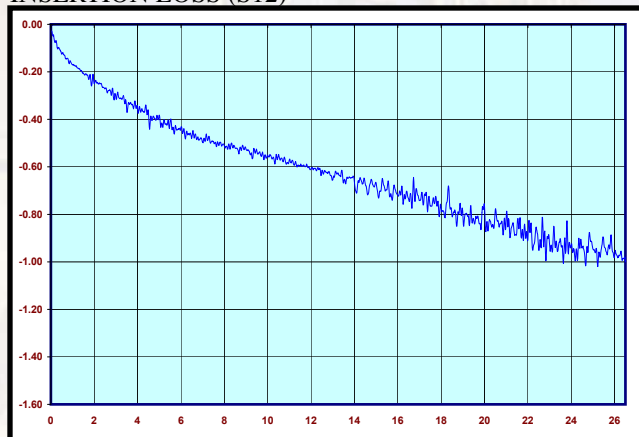
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VSWR (S11)



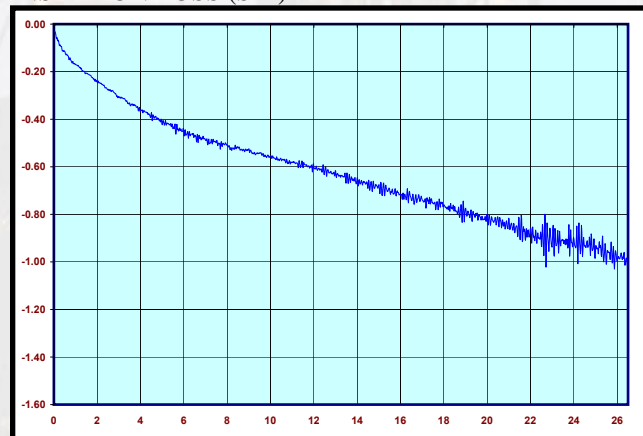
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INSERTION LOSS (S12)



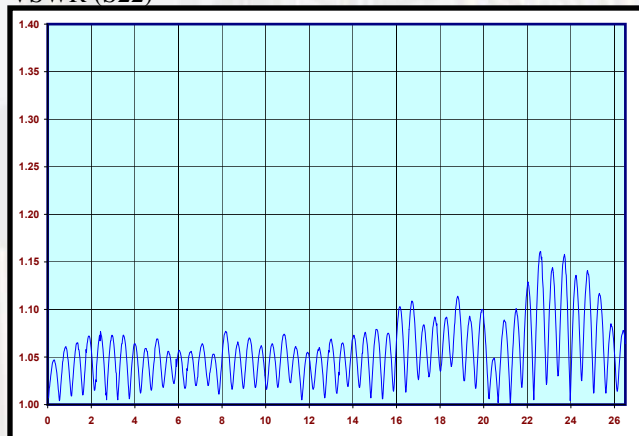
PN: CCSMA26.5-MM-086-8

INSERTION LOSS (S21)



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VSWR (S22)



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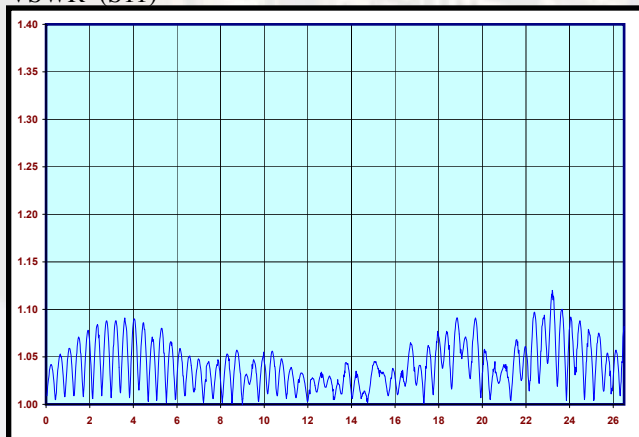
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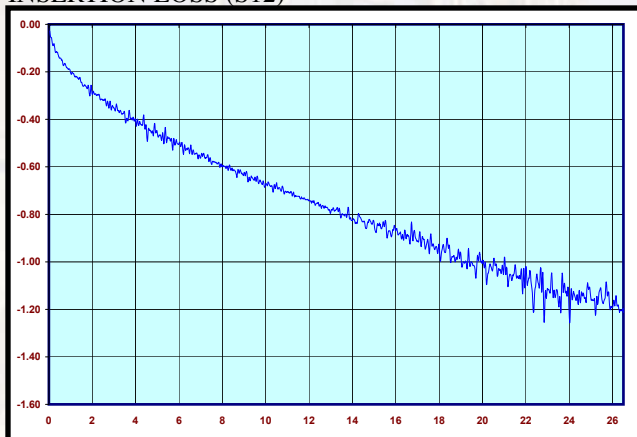
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VSWR (S11)



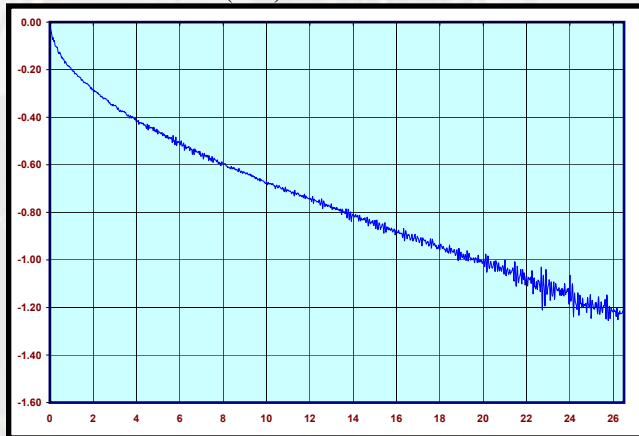
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INSERTION LOSS (S12)



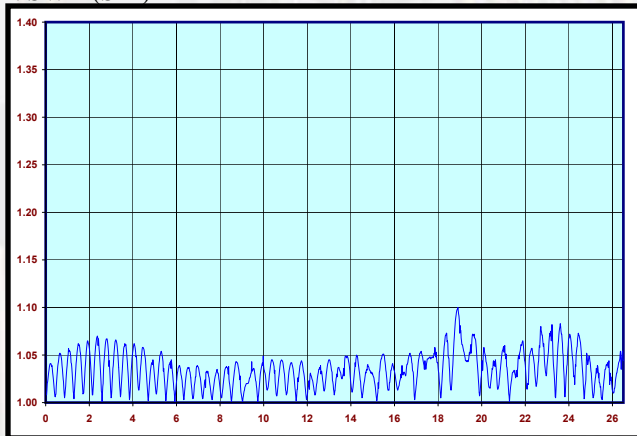
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INSERTION LOSS (S21)



PN: CCSMA26.5-MM-086-10

VSWR (S22)



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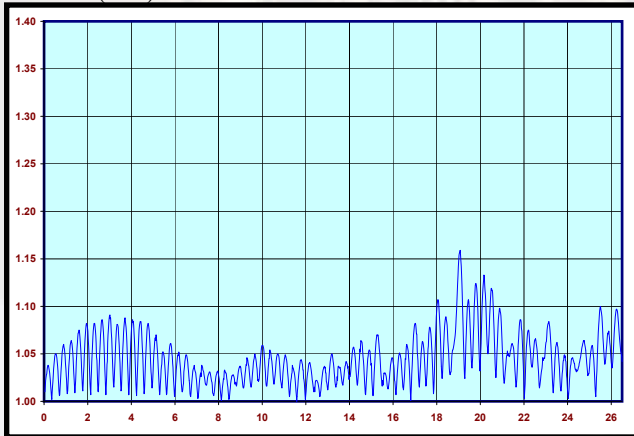
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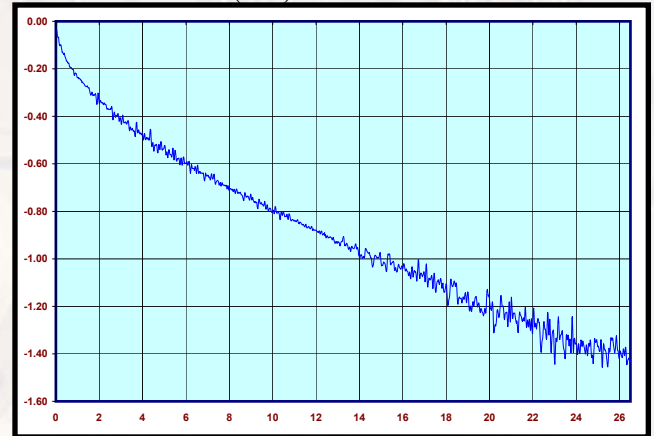


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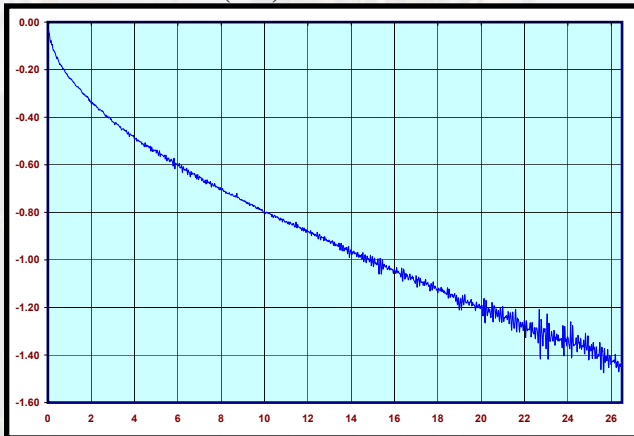
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VSWR (S11)



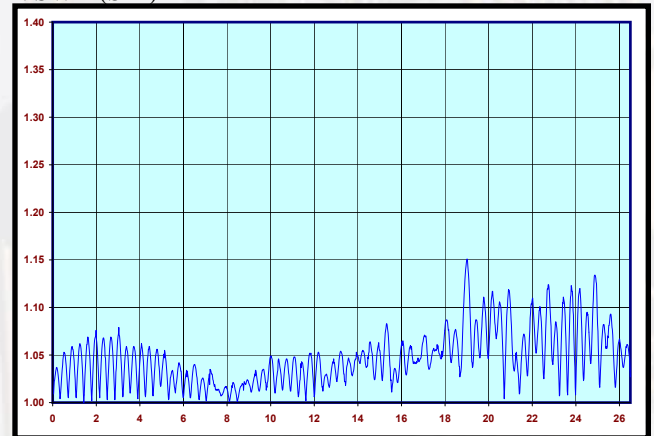
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INSERTION LOSS (S12)



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INSERTION LOSS (S21)



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- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
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- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
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- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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JONHON

«JONHON» (основан в 1970 г.)

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(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

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(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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Электронная почта: ocean@oceanchips.ru

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