



M/A-COM Technology Solutions Announces New CATV / Broadband Transformer Designers' Kit

New Kit Features an Assortment of RF Transformers for CATV / Broadband Applications

Lowell, MA, November 11, 2011 - M/A-COM Technology Solutions Inc. (M/A-COM Tech), a leading supplier of high performance analog semiconductor solutions, introduced today a new transformer designers' kit for CATV / Broadband applications. The kit features 12 transformer models covering multiple impedance ratios and wind schematics.

The [MABA-000001-75KIT1](#) transformer designers' kit contains full RoHS compliant components. Transformer configurations include flux-coupled, transmission line, and auto transformer. All parts in the kit are surface-mount devices featuring ceramic, plastic or FR4 substrates. In addition, baluns meeting MoCA® and DOCSIS® requirements are also included. The kit comes with a CD-ROM containing datasheets, S-parameters and application notes.

"M/A-COM Tech offers a broad portfolio of RF baluns and transformers. This designers' kit is a representative sampling of that portfolio," said Graham Board, Product Manager. "Covering multiple impedance ratios, schematic configurations and footprints, this kit contains the solutions you've been looking for."

The table below outlines typical part number performance:

Impedance Ratio	Part Number	Frequency MHz	Description	Insertion Loss dB, Typ.	Amp Balance dB, Typ.	Return Loss dB, Typ.	SMT Package
9:1	MABA-010181	5-90	Flux coupled	1.3	0.1	16	FR4
1.77:1	MABA-009573	5-100	Flux coupled	0.3	0.01	27	FR4
4:1	MABA-010061	5-100	T line	1.2	0.01	19	Plastic
2:1	MABA-009776	5-100	Flux coupled DOCSIS 3.0	0.4	0.1	22	FR4
1:1	MABA-007532	5-200	Flux Coupled	0.7	0.2	17	Plastic
4:1	MABA-009836	5-200	Flux coupled	0.4	0.02	22	Plastic
1:1	MABA-010245	50-1002	T line	0.1	0.3	42	Ceramic
2:1	MABA-007681	5-1200	T line balun	0.35	0.1	25	FR4
1:4	MABA-010129	5-1200	T line	0.5	0.05	25	Plastic
1:1	MABA-009210	50-1200	T line	0.63	0.2	11	FR4
1:1	MABACT0059	4.5-3000	T line	0.8	0.3	26	Ceramic
1:1	MABA-007871	5-3000	MoCA, T line	2.5	0.05	6	FR4

Final datasheets and additional product information can be obtained from the M/A-COM Tech website at: www.macomtech.com/catv-broadband/whats-new.

ABOUT M/A-COM TECHNOLOGY SOLUTIONS INC.

M/A-COM Technology Solutions (www.macomtech.com) is a leading supplier of high performance analog semiconductor solutions for use in radio frequency (RF), microwave, and millimeter wave applications. Recognized for its broad portfolio of products, M/A-COM Tech serves diverse markets, including CATV, wireless infrastructure, optical communications, aerospace and defense, automotive, industrial, medical, and mobile devices. M/A-COM Tech builds on more than 60 years of experience designing and manufacturing innovative product solutions for customers worldwide.

Headquartered in Lowell, Massachusetts, M/A-COM Tech is certified to the ISO9001 international quality standard and ISO14001 environmental management standard. M/A-COM Tech has design centers and sales offices throughout North

America, Europe, Asia and Australia.

FOR SALES INFORMATION, PLEASE CONTACT:

North Americas -- Phone: 800.366.2266

Europe -- Phone: +353.21.244.6400

India -- Phone: +91.80.43537383

China – Phone: +86.21.2407.1588

MEDIA CONTACT:

Husrav Billimoria

M/A-COM Technology Solutions Inc.

978-656-2896

Husrav.Billimoria@macomtech.com