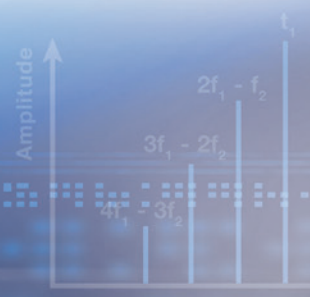


TECHNICALLY SPEAKING THIS IS SOME SERIOUS PIM



-170 dBc TERMINATIONS

-155 dBc UNEQUAL SPLITTERS

The data says it all. Avoid Field Failure and dropped calls. MECA Low PIM components have leading edge PIM performance and are capable of handling full rated power @ 85°C!!

If you take PIM seriously, you know that typical PIM of -170 dBc for loads/terminations and -155 dBc for unequal splitters is game-changing. With PIM this low, receiver desensitization is a relative non-issue and you can design with confidence that there'll be no dropped calls due to ghostly interference. Frequency performance for both products is 698-2700 MHz. Our terminations are available in 30, 50, 100, and 150W models and offer VSWR of 1.10:1 typical. Our unequal splitters deliver 300W of power handling, a typical VSWR of 1.15:1, and various output levels from -0.9 to -1.8 dB. To prevent field failures, all models are designed to handle full rated power @ +85°C.

Ready to get serious about PIM? Start with a visit to www.e-MECA.com.



Look for the expanding lineup of MECA low PIM passives in your iBwave library.

Microwave Electronic Components of America
The Professional's Choice for RF/Microwave Passive Components

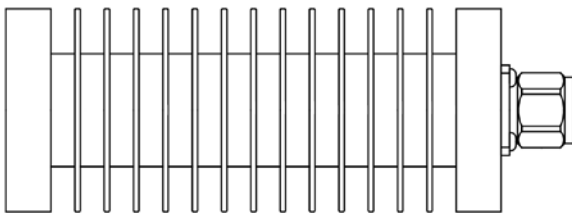




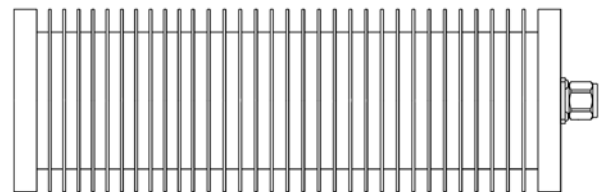
Low PIM Loads



Power	Series	Connector	Freq (GHz)	PIM (dBc) Typ	L" x OD" or L x W x H
30	LPT30-NM	N-Male	0.698 - 2.700	<-170	6.30 x 2.25
30	LPT30-NF	N-Female	0.698 - 2.700	<-170	6.38 x 2.25
30	LPT30-DM	DIN-Male	0.698 - 2.700	<-170	6.76 x 2.25
30	LPT30-DF	DIN-Female	0.698 - 2.700	<-170	7.17 x 2.25
50	LPT50-NM	N-Male	0.698 - 2.700	<-170	9.30 x 3.00
50	LPT50-NF	N-Female	0.698 - 2.700	<-170	9.38 x 3.00
50	LPT50-DM	DIN-Male	0.698 - 2.700	<-170	9.76 x 3.00
50	LPT50-DF	DIN-Female	0.698 - 2.700	<-170	9.35 x 3.00
75	LPT75-NM	N-Male	0.698 - 2.700	<-170	9.30 x 3.00
75	LPT75-NF	N-Female	0.698 - 2.700	<-170	9.38 x 3.00
75	LPT75-DM	DIN-Male	0.698 - 2.700	<-170	9.76 x 3.00
75	LPT75-DF	DIN-Female	0.698 - 2.700	<-170	9.35 x 3.00
100	LPT100-NM	N-Male	0.698 - 2.700	<-170	12.80 x 4.00
100	LPT100-NF	N-Female	0.698 - 2.700	<-170	12.88 x 4.00
100	LPT100-DM	DIN-Male	0.698 - 2.700	<-170	13.26 x 4.00
100	LPT100-DF	DIN-Female	0.698 - 2.700	<-170	12.85 x 4.00
100	LPT100-NM-M01	N-Male	0.698 - 2.700	<-170	16.86 x 5.38 x 1.72
100	LPT100-NF-M01	N-Female	0.698 - 2.700	<-170	16.94 x 5.38 x 1.72
150	LPT150-NM	N-Male	0.698 - 2.700	<-170	12.80 x 4.00
150	LPT150-NF	N-Female	0.698 - 2.700	<-170	12.88 x 4.00
150	LPT150-DM	DIN-Male	0.698 - 2.700	<-170	13.26 x 4.00
150	LPT150-DF	DIN-Female	0.698 - 2.700	<-170	12.85 x 4.00



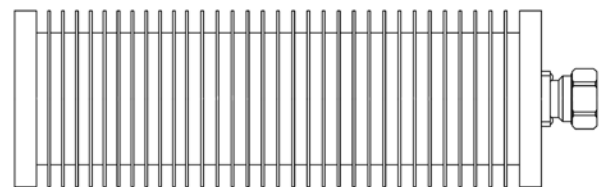
LPT30-NM



LPT100-NM



LPT100-NF-M01



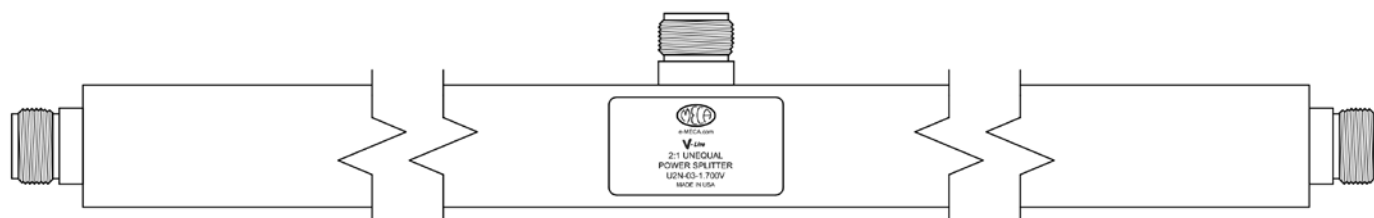
LPT50-DM



Low PIM Divider/Tappers



Series	Split Ratio / Coupling	Freq (GHz)	Connector	PIM (dBc) Typ	Power (watts)	L" x W x H"
U2N-03-1.700V	2:1 / 3.0 dB	0.698 - 2.700	N-F	<-155	300	14.25 x 1.59 x 1.00
U2N-05-1.700V	3:1 / 4.8 dB	0.698 - 2.700	N-F	<-155	300	14.25 x 1.59 x 1.00
U2N-06-1.700V	4:1 / 6.1 dB	0.698 - 2.700	N-F	<-155	300	14.25 x 1.59 x 1.00
U2N-08-1.700V	6:1 / 7.8 dB	0.698 - 2.700	N-F	<-155	300	14.25 x 3.19 x 1.00
U2N-09-1.700V	8:1 / 9.0 dB	0.698 - 2.700	N-F	<-155	300	14.25 x 1.59 x 1.00
U2N-10-1.700V	10:1 / 10.0 dB	0.698 - 2.700	N-F	<-155	300	14.25 x 1.59 x 1.00

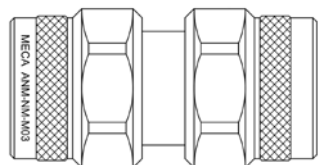


U2N-03-1.700V

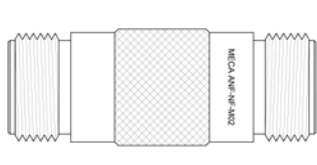


Low PIM Adapters

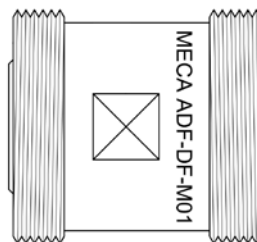
Series	Freq (GHz)	Connector	PIM (dBc) Typ	L" x OD"
ANM-NM-M03	DC - 12.4	N-Male to N-Male	<-165	1.60 x 0.812
ANF-NF-M02	DC - 12.4	N-Female to N-Female	<-165	1.75 x 0.66
ADM-DM-M01	DC - 8.0	DIN-Male to DIN-Male	<-165	1.37 x 1.88
ADF-DF-M01	DC - 8.0	DIN-Female to DIN-Female	<-165	1.14 x 1.25
ADM-DF-M01	DC - 8.0	DIN-Male to DIN-Female	<-165	1.57 x 1.25
ANM-DF-M01	DC - 8.0	N-Male to DIN-Female	<-160	1.95 x 1.25
ANF-DF-M01	DC - 7.5	N-Female to DIN-Female	<-160	1.14 x 1.95
ANF-DM-M01	DC - 8.0	N-Female to DIN-Male	<-165	1.37 x 2.27
ANM-DM-M01	DC - 8.0	N-Male to DIN-Male	<-160	1.37 x 1.95



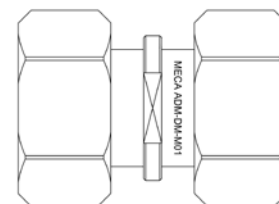
ANM-NM-M03



ANF-NF-M02



ADF-DF-M01



ADM-DM-M01

MECA Electronics, Inc.

866-444-6322 | sales@e-MECA.com | www.e-MECA.com

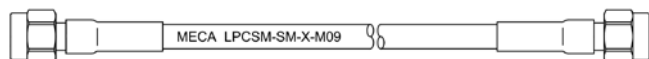
459 East Main Street, Denville, NJ 07834 T. 973-625-0661 F. 973-625-9277



Low PIM Assemblies



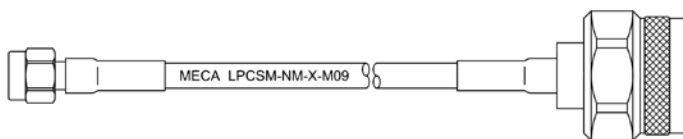
SMA-Male to SMA-Male				
Series	Freq (GHz)	Connector	PIM (dBc) Typ	L"
LPCSM-SM-12-M09	Hz - 6.0	SMA-Male to SMA-Male	<-155	12
LPCSM-SM-24-M09	Hz - 6.0	SMA-Male to SMA-Male	<-155	24
LPCSM-SM-36-M09	Hz - 6.0	SMA-Male to SMA-Male	<-155	36
LPCSM-SM-60-M09	Hz - 6.0	SMA-Male to SMA-Male	<-155	60
LPCSM-SM-120-M09	Hz - 6.0	SMA-Male to SMA-Male	<-155	120
LPCSM-SM-240-M09	Hz - 6.0	SMA-Male to SMA-Male	<-155	240
N-Male to N-Male				
Series	Freq (GHz)	Connector	PIM (dBc) Typ	L"
LPCNM-NM-12-M09	Hz - 6.0	N-Male to N-Male	<-155	12
LPCNM-NM-24-M09	Hz - 6.0	N-Male to N-Male	<-155	24
LPCNM-NM-36-M09	Hz - 6.0	N-Male to N-Male	<-155	36
LPCNM-NM-60-M09	Hz - 6.0	N-Male to N-Male	<-155	60
LPCNM-NM-120-M09	Hz - 6.0	N-Male to N-Male	<-155	120
LPCNM-NM-240-M09	Hz - 6.0	N-Male to N-Male	<-155	240
SMA-Male to N-Male				
Series	Freq (GHz)	Connector	PIM (dBc) Typ	L"
LPCSM-NM-12-M09	Hz - 6.0	SMA-Male to N-Male	<-155	12
LPCSM-NM-24-M09	Hz - 6.0	SMA-Male to N-Male	<-155	24
LPCSM-NM-36-M09	Hz - 6.0	SMA-Male to N-Male	<-155	36
LPCSM-NM-60-M09	Hz - 6.0	SMA-Male to N-Male	<-155	60
LPCSM-NM-120-M09	Hz - 6.0	SMA-Male to N-Male	<-155	120
LPCSM-NM-240-M09	Hz - 6.0	SMA-Male to N-Male	<-155	240



LPCSM-SM-X-M09



LPCNM-NM-X-M09



LPCSM-NM-X-M09