Plug-in Pads/EQs & Pad Insertion/Extraction Tool

- Plug-in pad & EQs allow for RF signal adjustments at various locations in the network lash-up
- Compact form factor in order to conform to MAXNET II modules
- Pads & EQs can be easily inserted or removed with fingertips or by using the pad tool
- Plug-in pads are available from 0-20 dB in 1 dB increments, 16-20 dB recommended for return band only
- Now offering higher value pads above 20 dB for return path applications only

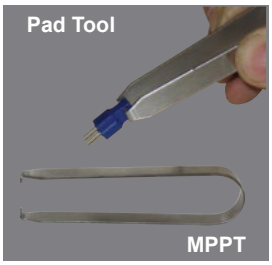
Specifications

Plug-in Pad

PART NUMBER	PAD VALUES	FREQUENCY RANGE	IMPEDANCE	RETURN LOSS	TILT	FLATNESS	COLOR
MP-0PAD	0 dB	5-1218 MHz	75 Ω	≥ 20 dB	N/A	N/A	Blue
MP-*PAD	1-20 dB	5-1218 MHz	75 Ω	≥ 20 dB	≤ 0.5 dB	+/- 0.2 dB	Blue
	23, 26, 29, 30 dB	5-250 MHz	75 Ω	≥ 20 dB	≤ 0.5 dB	+/- 0.2 dB	Blue

NOTE:
Temperature -20°C to +60°C (-4°F to +140°F), power handling min. 70 dBmV.

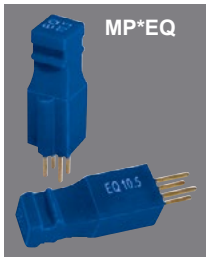
* = Pad Value



Specifications

Plug-in 1 GHz EQ

PART NUMBER	EQ VALUES	SLOPE 1000/45 MHz	INSERTION LOSS	EQ TOLERANCE	RETURN LOSS	IMPEDANCE	COLOR
MP1.5EQ	1.5 dB	1.4 dB	≤ 1 dB	+/- 0.5 dB	≥ 18 dB	75 Ω	Blue
MP3EQ	3 dB	3.2 dB	≤ 1 dB	+/- 0.5 dB	≥ 18 dB	75 Ω	Blue
MP4.5EQ	4.5 dB	3.8 dB	≤ 1 dB	+/- 0.5 dB	≥ 18 dB	75 Ω	Blue
MP6EQ	6 dB	5.1 dB	≤ 1 dB	+/- 0.5 dB	≥ 18 dB	75 Ω	Blue
MP7.5EQ	7.5 dB	6.2 dB	≤ 1 dB	+/- 0.5 dB	≥ 18 dB	75 Ω	Blue
MP9EQ	9 dB	7.1 dB	≤ 1 dB	+/- 0.5 dB	≥ 18 dB	75 Ω	Blue
MP10.5EQ	10.5 dB	8.7 dB	≤ 1 dB	+/- 0.5 dB	≥ 18 dB	75 Ω	Blue



* = EQ Value

Specifications

Plug-in 85 MHz EQ

	FREQUENCY	MPEQL85-2	MPEQL85-4	MPEQL85-6	MPEQL85-8	MPEQL85-10	MPEQL85-13
INSERTION LOSS	5 MHz	2.5	4.5	6.5	8.5	10.5	13.5
	15 MHz	2.3	4	5.8	7.5	9.3	11.9
	40 MHz	1.6	2.8	3.9	5	6.1	7.8
	F_{max} = 85	0.5	0.5	0.5	0.5	0.5	0.5
LINEARITY*	5 to F_{max}	0.3 dB	0.3 dB	0.3 dB	0.3 dB	0.3 dB	0.3 dB
RETURN LOSS	5 to F_{max}	18 dB	18 dB	18 dB	18 dB	18 dB	18 dB

NOTE:
* Maximum deviation from a linear trend line between typical loss at F_{min} & F_{max}

* = EQ Value

Specifications

Plug-in 204 MHz EQ

	FREQUENCY	MPEQL204-1	MPEQL204-2	MPEQL204-3	MPEQL204-4
INSERTION LOSS	5 MHz	1.5	2.5	3.5	4.5
	F_{max} = 204	0.5	0.5	0.5	0.5
LINEARITY*	5 to F_{max}	0.3 dB	0.3 dB	0.3 dB	0.3 dB
RETURN LOSS	5 to F_{max}	18 dB	18 dB	18 dB	18 dB

NOTE:
* Maximum deviation from a linear trend line between typical loss at F_{min} & F_{max}

* = EQ Value