

Model TPD3442A64

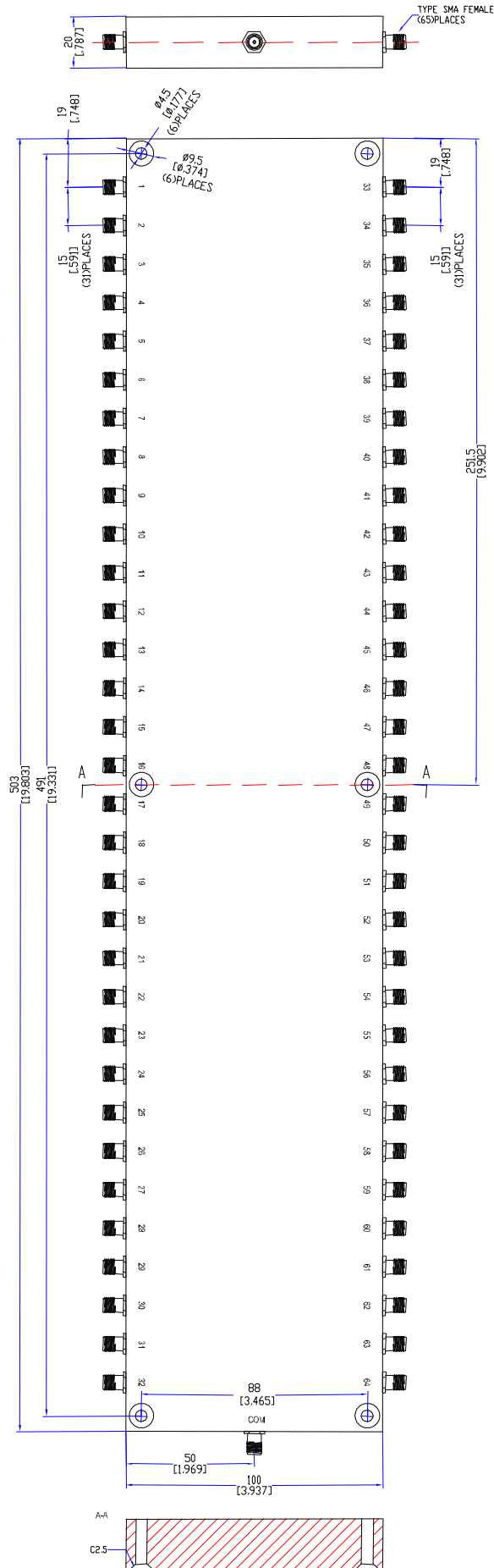
Features

Excellent phase & amplitude balance
Low Insertion Loss & VSWR
High Isolation

Technical Data Sheet			
Frequency Range	3.4~4.2GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤2.5dB (Above 18.06dB Split)	Connector Body	Brass, Tri-Alloy Plate
VSWR	Input ≤1.50:1 Output ≤1.30:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥20dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±0.8dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±10°	Operating Temperature	-55~+85°C
¹ Power Handling	Forward ≤50Watt; Reversed ≤5Watt	Operating Humidity	Up to 95%, Non-Condensing
Impedance	50Ω	Weight	2.6kg
Port Connectors	Input: SMA-Female		

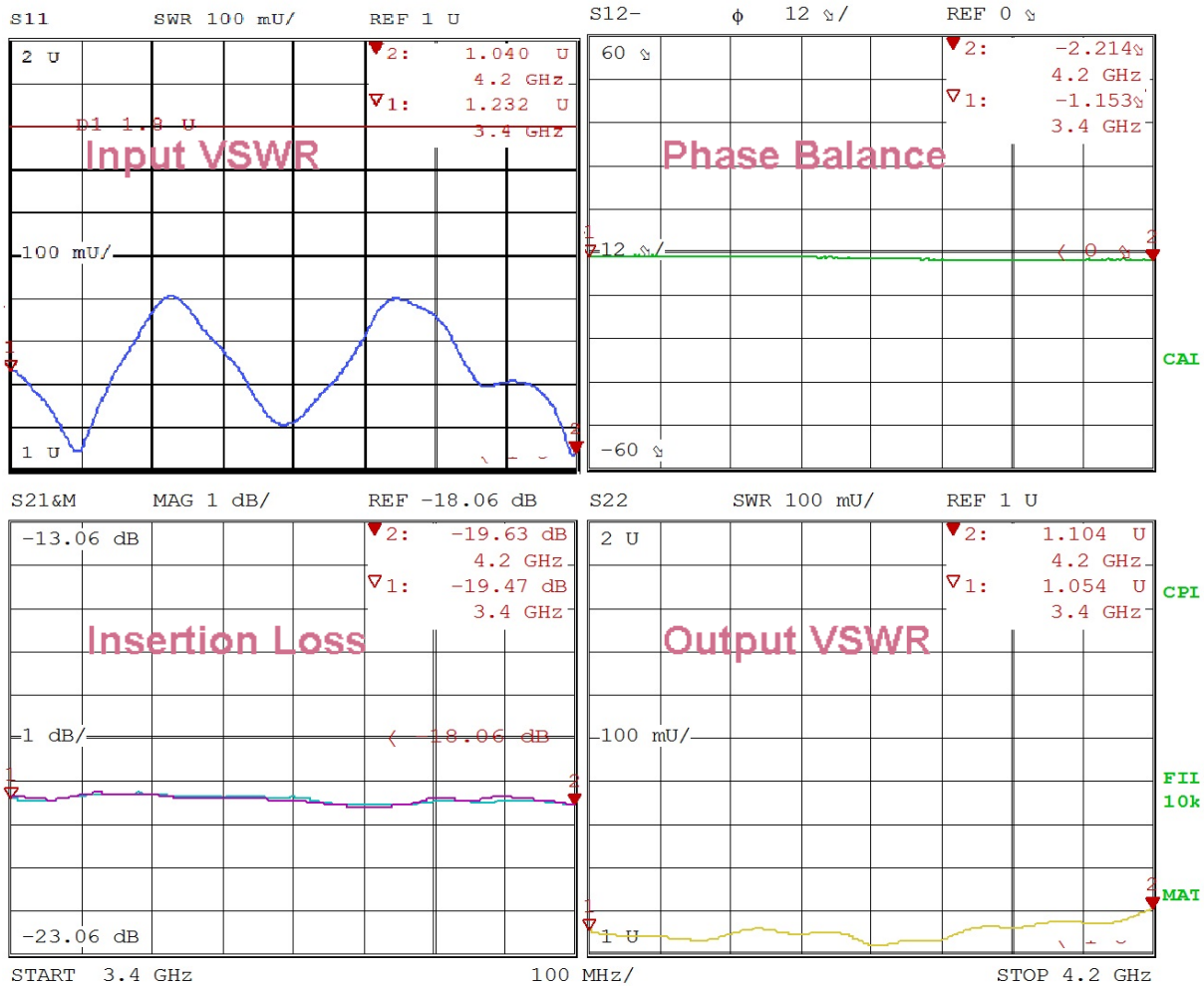
¹Power Handling guaranteed when load's VSWR within 1.50:1.





Typical Performance

1. Insertion Loss, Amplitude &Phase Balance ,VSWR



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2. Isolation

