



P/N:LBW-IC06-26500M40000M-29M29M16-10

Широкополосный коаксиальный изолятор
26,5 ГГц - 40 ГГц

Характеристики:

- Передача мощности до 10 Вт
- Широкий рабочий диапазон
- Высокая развязка в пределах рабочего диапазона
- Низкие вносимые потери
- Ферритовый материал с низким температурным коэффициентом обеспечивает стабильную работу при изменении температуры
- Возможность передачи сигналов LMDS
- Высокое значение средней мощности
- Характеристики могут быть изменены по требованию заказчика



Parameter	Min.	Typ.	Max.	Units
Frequency Range	26.5-40			GHz
Insertion Loss	-40°C	25°C	+80°C	°C
	1.70	1.60	1.70	dB
Isolation (Note 1)	-40°C	25°C	+80°C	°C
	12	14	12	dB
VSWR	-40°C	25°C	+80°C	°C
	1.80	1.60	1.80	:1
Forward Power (CW)			10	W
Reverse Power (CW)			1	W
Rotation	Clockwise (Standard) Counter Clockwise (upon request)			
Input / Output Connectors	2.92-male			
Finishing	Nickel Plated			
Case Material	Copper			
Weight	1.06			ounces
Impedance	50			Ω

Note1 :

Units which have a narrower frequency bandwidth can achieve higher isolation & lower insertion loss

Bandwidth (5~10) % x Center Frequency (Isolation >20dB)

Bandwidth (20~30) % x Center Frequency (Isolation >19dB)

Bandwidth (40~60) % x Center Frequency (Isolation >17dB)

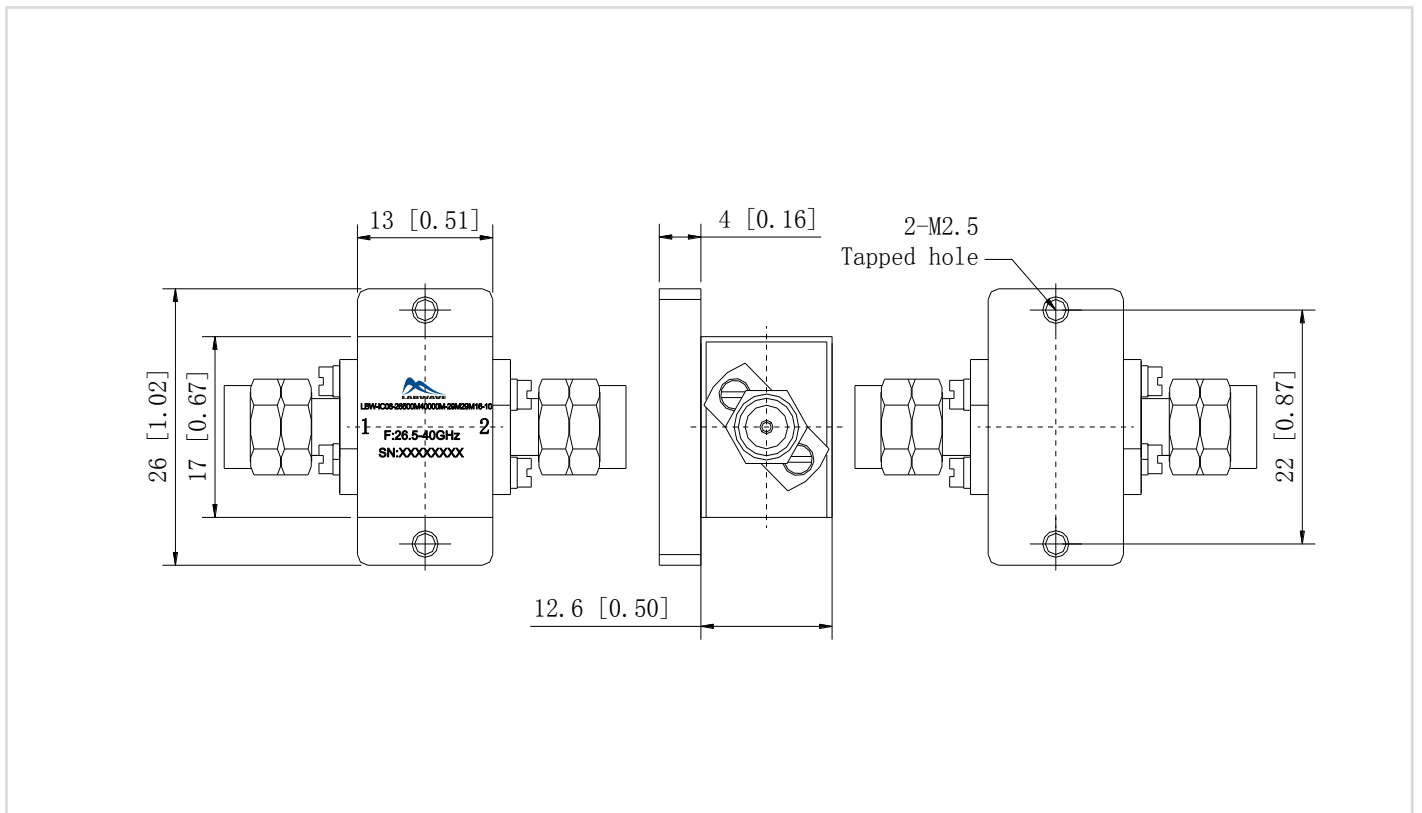
Ask manufacture for detail

Environmental Specifications

Operational Temperature	-40°C~+80°C
Storage Temperature	-40°C~+85°C
Altitude	30,000 ft. (Epoxy Sealed Controlled environment)
	60,000 ft. 1.0psi min (Hermetically Sealed Un-controlled environment) (Optional)
Vibration	25gRMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35°C, 95%RH at 40°C
Shock	20G for 11msec half sine wave, 3 axis both directions

Outline Drawing:

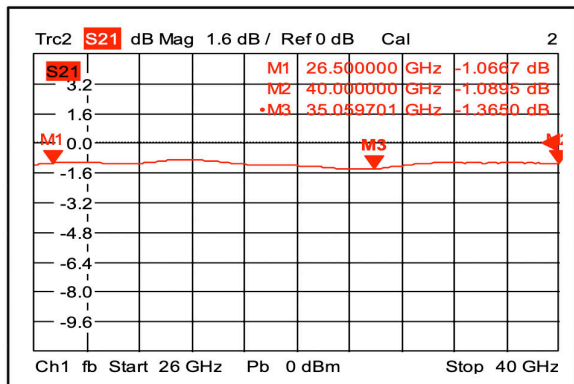
All Dimensions in mm (inches) Tolerance $\pm 0.25(0.01)$



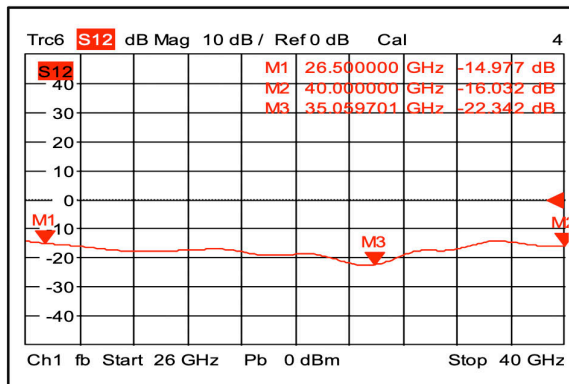
Note:

Due to the isolators and circulators belong to magnetic components, please far away from the magnetic matters by over 2 inches when you install or place.

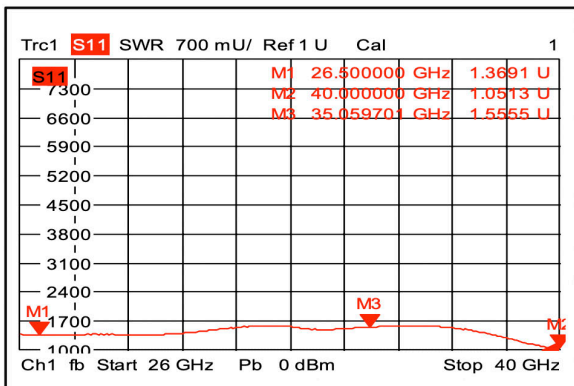
Insertion Loss



Isolation



VSWR 1



VSWR 2

