

YSBCI30-6-18-S

6-18 GHz Broadband Coaxial Isolator, 30 W, 17 dB Isolation

Key Features

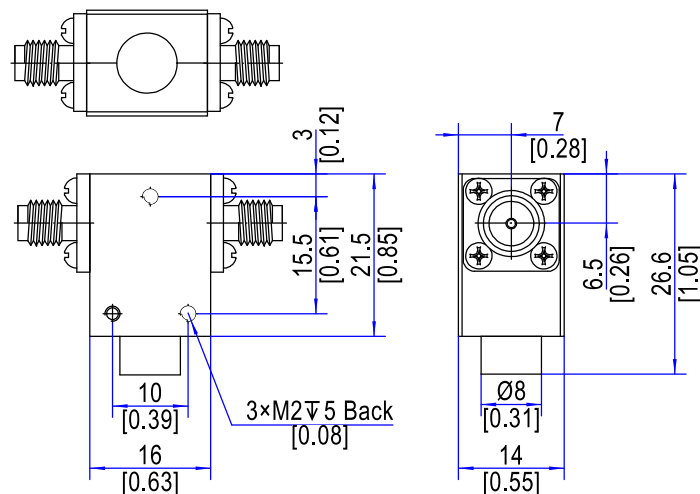
- Wide frequency coverage
- Broad instantaneous bandwidth
- Low insertion loss
- Excellent VSWR
- Compact, customizable design

Applications

- Broadband EW systems
- Satellite communications
- RF test equipment
- Wideband radar systems
- Telecom infrastructure

Electrical Specifications					
Frequency Range (GHz)	Insertion Loss (dB Max)	Isolation (dB Min)	VSWR	CW Power (w)	Reverse Power (w)
6.0-12.0	1.5	10	1.90	30	10
6.0-18.0	1.5	9.5	2.00	30	10
8.0-18.0	1.4	15	1.50	30	10
12.0-18.0	0.8	17	1.40	30	10
Impedance	50 Ω				
Environmental Specifications					
Operating Temperature	0°C to +60°C				
Storage Temperature	-50°C to +90°C				
Mechanical Specifications					
Connectors	SMA Female				
Dimension ¹	16×26.6×14 mm / [0.63×1.05×0.55 in]				
weight	43.5 g				

Outline Drawing (Units: mm/[inch], Tolerance: ± 0.3 mm)



Ordering Information:

Example: 6-18 GHz, 30 W, SMA Connector.

Model: YSBCI30-6-18-S

Note 1:Excluding connector size.