

YSCI10-17-31-K

17-31 GHz Coaxial Isolator, 10 W, 20 dB Isolation

Key Features

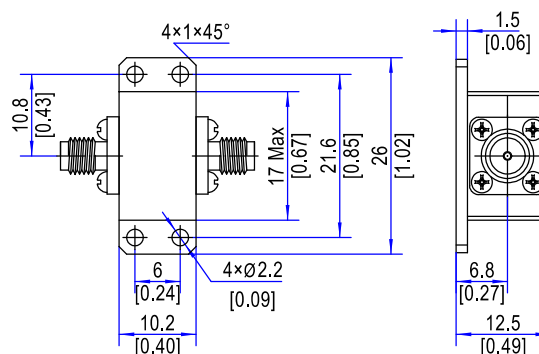
- Wide frequency coverage
- High isolation and low insertion loss
- Compact coaxial design for easy integration
- High power handling capability
- Excellent VSWR for reliable signal matching

Applications

- Satellite & Aerospace Communications
- Radar and electronic warfare (EW) systems
- Test & measurement equipment
- RF power amplification chains
- Telecommunication and broadcast networks

Electrical Specifications					
Frequency Range (GHz)	Insertion Loss (dB Max)	Isolation (dB Min)	VSWR	CW Power (w)	Reverse Power (w)
17-20.5	0.7	20	1.30	10	2
18-26.5	0.9	20	1.30	10	2
22-28	1.2	20	1.30	5	1
25-28	1.0	20	1.30	5	1
27-31	1.0	20	1.30	5	1
Impedance	50 Ω				
Environmental Specifications					
Operating Temperature	-10°C to +60°C				
Storage Temperature	-50°C to +90°C				
Mechanical Specifications					
Connectors	2.92 mm-Female				
Dimension ¹	26×10.2×12.5 mm / [1.02×0.4×0.49 in]				

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



Ordering Information:

Example: 17-20.5 GHz, 10 W, 2.92 mm Connector

Model: YSCI10-17-20R5-K

Note 1: Excluding connector size.