



LT-DC Series 16dB Directional Coupler 20 Watts suitable for 0.5-26.5 GHz

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-DC16-005265S
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T,D/A,D/P



Product Specification

- Highlight: **16dB Directional Coupler,
20 Watts Directional Coupler,
0.5-26.5 GHz Directional Coupler**

for more products please visit us on zrhitech.com

LT-DC Series 16dB Directional Coupler 20 Watts (0.5-26.5 GHz)

Key Features

- 16dB Directional Coupler with excellent performance characteristics
- Directivity > 14 dB for precise signal measurement
- Broad frequency range: 0.5 to 26.5 GHz
- Low VSWR < 1.5:1 for minimal signal reflection
- Consistent coupling: 16±0.6 dB
- High power handling: 20 Watts (CW)
- Compliant with CE, RoHS, and REACH standards
- Backed by 1-year warranty

Product Overview

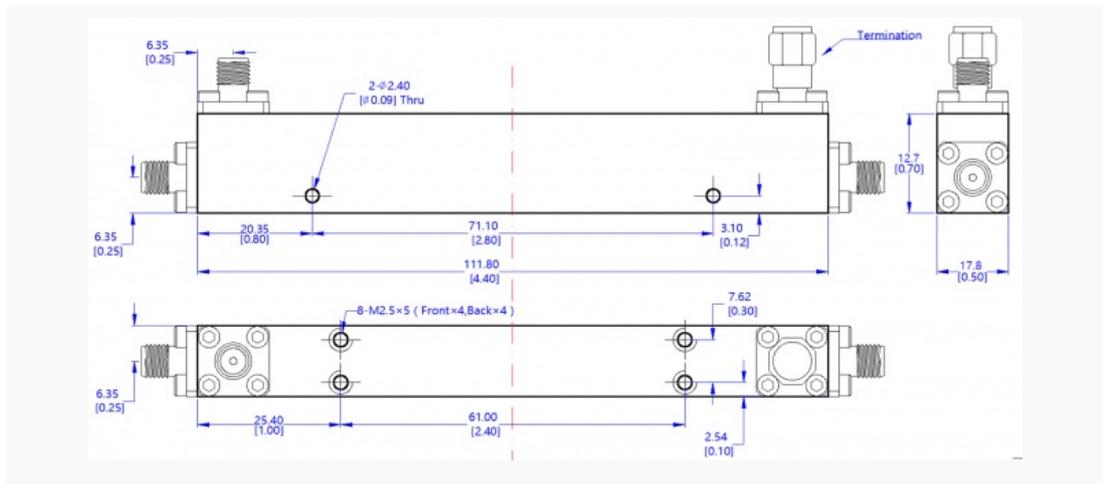
The LT-DC16-005265S directional coupler from ZR offers superior performance across an exceptionally wide frequency range from 0.5 to 26.5 GHz. With 20 Watt (CW) power handling capability, 14 dB minimum directivity, and 1.5:1 VSWR, this coupler delivers reliable performance for demanding applications. The unit features SMA Female connectors and meets REACH and RoHS compliance standards.

Technical Specifications

Parameter	Specification	Conditions
Part Number	LT-DC16-005265S	
Frequency Range	0.5 to 26.5 GHz	
Coupling	16±0.6 dB	
Impedance	50 Ohms	
Main Line VSWR	1.5:1 Max.	
Coupling VSWR	1.5:1 Max.	
Insertion Loss	1.7 dB Max.	
Frequency Balance	2.0 dB Max.	
Directivity	14 dB Min.	
Input Power	20 W	
Connectors	SMA Female	
Weight	100 g	
Dimensions	111.8 × 17.8 × 12.7 mm	

Note: Custom specifications available upon request. Please contact us for details.

Outline Drawing



 **ZRHITECH Sichuan ZR Hi-Tech Ltd.**

 17342580638

 info@zrhitech.com

 zrhitech.com

Room 507, Advanced Technology Achievement Western Transformation Center, No. 36 Xingke South Road,
Jinniu District, Chengdu, Sichuan, China