

Product Specifications

Rosenberger

S-Wave 51-17-19D

DUAL POLARIZATION DIRECTIONAL ANTENNA



Main Features

- Low weight and low profile
- High reliability
- Simple installation

Electrical Specifications

Frequency	5150-5725 MHz	5725-5875MHz
Gain	19±0.5 dBi	19.5±0.5 dBi
VSWR	1.5 : 1 (typ), 1.7:1 (max)	
Polarization	Dual Linear (Vertical and Horizontal)	
Horizontal Half Power Beamwidth	17° (typ)	
Vertical Half Power Beamwidth	17° (typ)	
Horizontal Sidelobe	10 dB	
Vertical Sidelobe	10 dB	
Cross Polarization	20 dB (typ)	
Front-to-back ratio	30 dB	
Isolation, Between ports	30 dB	
Impedance	50 Ω	
Power Handling	6 W	

Environmental Specifications

Operating temperature range	-40°C to +65°C
Storage temperature range	-55°C to +70°C

Mechanical Specifications

Input	2 x SMA R/A Female
Lightning Protection	DC Ground
Dimensions	190 x 190x 30.5 mm
Weight	0.7 kg
Maximum Wind Velocity	200 km/h
Reflector Material	Aluminum
Radome Material	PP

A130410WB05239

Rosenberger Asia Pacific Electronic Co., Ltd.
No.3, Anxiang Street, Block B,
Tianzhu Airport Industrial Zone,

TEL: (8610)80481995
FAX: (8610)80497052
E-mail: info@rosenbergerap.com
Internet: www.rosenbergerap.com

罗森伯格亚太电子有限公司
北京市天竺空港工业区B区
安祥街3号
邮编: 101300

电话: (8610) 8048 1995
传真: (8610) 8049 7052
网址: www.rosenbergerap.com
电子邮箱: info@rosenbergerap.com

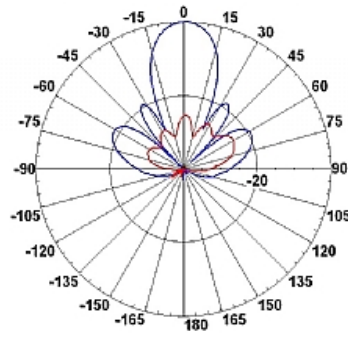
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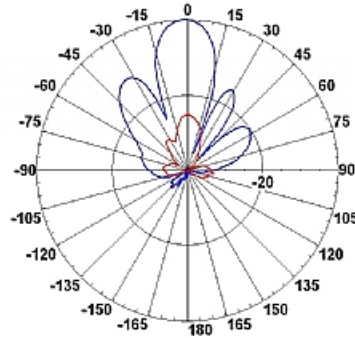
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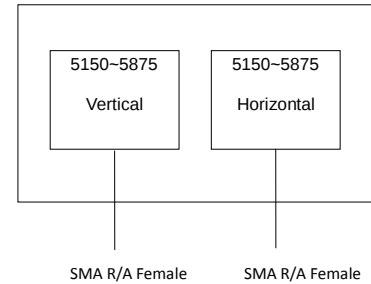
Patterns



Horizontal Pattern



Vertical Pattern



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罗森伯格亚太电子有限公司
北京市天竺空港工业区B区
安祥街3号
邮编: 101300

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传真: (8610) 8049 7052
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电子邮箱: info@rosenbergerap.com