WiFi 2.4/5.0GHz Adhesive Easyfit Antenna EF-24-58

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EF-24-58

- Adhesive Mount Antenna
- Fits to Plastic Devices or Glass Windshields
- Dual Band WiFi 2.4/5.0GHz
- SMA or FAKRA I Jack Terminations

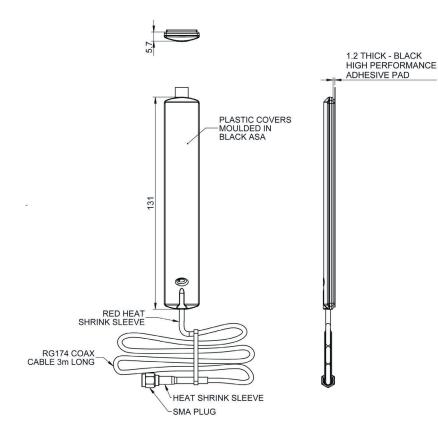
EF-24-58 is a range of highly efficient and easy to install antennas for providing WiFi coverage. These compact paddle-style antennas are easily positioned on a device housing or vehicle windscreen using the supplied automotive industry grade adhesive pad.

The antenna is ground plane independent making it ideal for applications distributing or receiving WiFi signals. Covering 2.4/5.0GHz the EF-24-58 is designed to support the full range of WiFi frequencies, and is available with SMA or FAKRA I Jack terminations.

The antenna is constructed from weather-resistant plastic and is suitable for use in semi-exposed scenarios.

EF-24-58-3SP Shown

Technical Drawing



EF-24-58 03/10/2021 V1

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Product Data

Part No.							
			EF-24-58-3SP	EF-24-58-3RPSP	EF-24-58-05RPSP	EF-24-58-3FIJ	
Electrical Data							
Frequency Range (MHz)			2396-2485/4.9-6GHz				
Operational Bands			2.4/5.0GHz WiFi				
Typical VSWR*			<2:1				
Peak Gain: Isotropic**		2.4GHz	2dBi				
		5.0GHz	4dBi				
Polarisation			Vertical				
Pattern			Omni-directional				
Impedance			50Ω				
Max Input Power (W)				10			
Mechanical D	ata						
Dimensions (mm)	Length			131 (5.16")			
	Width			21.7 (0.85")			
	Thickness			7 (0.27")			
Material			ASA				
Operating Temp (°C)			-30° / +70°C (-22°/ 158°F)				
Colour			Black				
Approx. Weight (g)			58				
Mounting Dat	ta						
Туре				Acrylic adhesive pad			
Cable Data							
Туре				FR RG174 (UN ECE 118 compliant)			
Diameter (mm)				2.6 (0.10")			
Length (m)			3 (10')	3 (10')	0.5 (1.5')	3 (10')	
Termination			SMA Plug	Rev Pol SMA Plug	Rev Pol SMA Plug	FAKRA I JACK	

*Typical VSWR as measured on a sheet of glass without cable ** Peak gain modelled in CST Microwave Studio excluding cable loss.

