

Smarteq™ Flexible Wire Antenna Rod for 27MHz, 68-88MHz, 88-108MHz, and 145-170MHz

Antenna Rods – Quarter Wave

3183.01.00.00+, 3183.02.00.00+, 3183.03.00.00+,
and 3183.04.00.00+



Description

Flexible quarter wave antenna rods.

Compatible Bases

- Smarteq™ Ant™
- Smarteq™ Base 1123
- Smarteq™ Base 128
- Smarteq™ Base 2500
- Smarteq™ MidiMag™
- Smarteq™ MaxiMag™

Features

- Frequencies: 27MHz, 68-88MHz, 88-108MHz, and 145-170MHz
- Type: Quarter
- Gain: 2dBi
- Impedance: 50Ω
- Polarization: Vertical
- VSWR: 1.5:1



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These Smarteq™ flexible wire rods bend instead of break when obstacles are encountered. Supporting frequencies of 27MHz, 68-88MHz, 88-108MHz, and 145-170MHz that correspond to CB-Radio, Forrest Radio, FM Radio, and VHF, the rods are suitable for use on vehicles highly exposed to rough conditions, such as harvesters for the forest industry, logging trucks, and ambulances. They are compatible with several Smarteq™ antenna bases, including Ant™, Base 1123, Base 1131, Base 128, and Base 2500.

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Applications

- Critical Communications
- Intelligent Transportation

Certifications



SPECIFICATIONS



Smarteq™ Flexible Wire Antenna Rod for 27MHz, 68-88MHz, 88-108MHz, and 145-170MHz

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Standard Configurations

Part Numbers

3183.01.00.00+
3183.02.00.00+
3183.03.00.00+
3183.04.00.00+

Electrical Specifications

Part Numbers		
Frequency Range	3183.01.00.00+	27MHz
	3183.02.00.00+	68-88MHz
	3183.03.00.00+	88-108MHz
	3183.04.00.00+	145-170MHz
Type	Quarter	
Gain	2dBi	
Nominal Impedance	50Ω	
Polarization	Vertical	
VSWR	1.5:1	

Mechanical and Environmental Specifications – All Models

Length	379mm
Material	Stainless steel
Thread	M6

CONTACT US

**For more information about
this product contact your
sales representative or visit
> pctel.com/antenna-products**

Solving Complex Wireless Challenges

PCTEL is a leading global provider of wireless technology solutions, including purpose-built Industrial IoT devices, antenna systems, and test and measurement products. Trusted by our customers for 29 years, we solve complex wireless challenges to help organizations stay connected, transform, and grow.



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