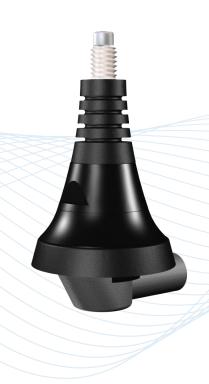
Smarteq[™] Robust Antenna Base 1123

Antenna Base - Colinear, Quarter Wave

1123.02.00.83, 1123.02.48.00, 1123.01.48.00



Description

Hole mount antenna base for vehicular applications.

Rod Compatibility

- See Rod Guide
- M6 thread

Features

- Robust antenna base
- Easy assembly in 14 or 19mm hole from the outside
- 27-1000MHz (depending on rod)







Smarteq[™] Robust Antenna Base 1123

Antenna Base - Colinear, Quarter Wave

The Smarteq[™] Base 1123 is robust antenna base for vehicles such as agriculture, construction equipment and buses. Smarteq[™] Base 1123 has a bending shaft and is available in a round or oval shape, depending on what suits your mounting surface

Features

- Robust antenna base
- Easy assembly in 14 or 19mm hole from the outside
- M6 thread for rod
- 27-1000MHz (depending on rod)

Applications

- Critical Communications
- FirstNet
- Industrial IoT
- Intelligent Transportation

Certifications







SPECIFICATIONS



Smarteq[™] Robust Antenna Base 1123

Antenna Base - Colinear, Quarter Wave

Standard Configurations

Part Number	Shape	Thread for Rod	Cable Type	Cable Length	Connector	Installation	Color
1123.02.00.83	Round	M6	LL58	5m	No connector	Hole mount, Ø14 and Ø 19mm	Black
1123.02.48.00	Round	M6	No cable	-	FME-m		
1123.01.48.00	Oval	M6	No cable	-	FME-m		

Electrical Specifications

Frequency Ranges	27-1000MHz		
VSWR	Depending on rod (See Rod Guide)		
Gain	Depending on rod (See Rod Guide)		
Nominal Impedance	50Ω		
Polarization	Vertical		
Max. Power	50W		

Mechanical and Environmental Specifications

Dimensions 1123.02.00.83	36 x 26 x 39mm (L x W x H)
1123.02.48.00	36 x 26 x 39mm (L x W x H)
1123.01.48.00	32 x 39mm (OD x H)
Weight 1123.02.00.83	255g
1123.02.48.00	70g
1123.01.48.00	70g
Materials Pin	Brass
Sealing	Dryflex
Nut	Brass
Contact House	Zinc
Base	Zinc
Ground Plate	Stainless steel
Isolator	PP, fiberglass reinforced
Temperature (Storage/Operating)	-40°C to +85°C
Certifications	RoHS compliant

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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