

Antenna/RFID Rods (3078990901)

Part Number: 3078990901

78 ROD

Explanation of Part Numbers:

- Digits 1 & 2 = Product Class
- Digits 3 & 4 = Material Grade

λ - The last digit 1 = Uncoated Rod and 4 = Parylene Coated Rod. Parylene C is RoHS compliant.

These rods are designed for use in antenna and RFID transponder applications. Rods are available in three materials to cover a frequency range from 50 kHz to 25 MHz. Suggested frequency ranges: 78 material < 200 kHz, 61 material 0.2 – 5.0 MHz and 67 material > 5.0 MHz.

The “Antenna/RFID Kit” (part number 0199000024) contains a selection of these rods.

λ For any rod requirement not listed here, feel free to contact our customer service group for availability and pricing.

[Catalog Drawing](#)

[3D Model](#)

Weight: 5.4 (g)

Dim	mm	mm tol	nominal inch	inch misc.							
A	6	±0.05	0.236	-	<table border="1"> <thead> <tr> <th colspan="2">Electrical Properties</th> </tr> </thead> <tbody> <tr> <td>μ_{ROD}</td> <td>26</td> </tr> <tr> <td>$A_e(\text{cm}^2)$</td> <td>0.283</td> </tr> </tbody> </table>	Electrical Properties		μ_{ROD}	26	$A_e(\text{cm}^2)$	0.283
Electrical Properties											
μ_{ROD}	26										
$A_e(\text{cm}^2)$	0.283										
C	40	±0.80	1.575	-							