

Part Number: 3078990881

78 ROD

Explanation of Part Numbers:

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

□- 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.

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

[Catalog Drawing](#)

[3D Model](#)

Weight: 1.8 (g)

| Dim | mm | mm tol | nominal inch | inch misc. |
|-----|----|--------|--------------|------------|
| A | 4 | ±0.04 | 0.157 | |
| C | 30 | ±0.75 | 1.181 | |

| Electrical Properties | |
|-----------------------|-------|
| μ_{ROD} | 31 |
| $A_e(\text{cm}^2)$ | 0.126 |