

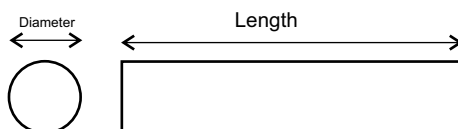
## Ferrite Rods and Tubes

A wide range of ferrite rods are available covering such applications as antennas, chokes and general inductors.

The rods and tubes we supply are manganese zinc ferrite, which can be extruded to lengths up to 200mm. Technical data sheets can be made for rods upon request. We also supply smaller pressed rods, up to maximum 19mm diameter and 60mm in length, beyond this size, rods need to be extruded.

Our preferred range of outside diameters in mm are:-

6.35  
7.80  
9.75  
12.75  
16.00  
20.00



## Electrical Tests

As with IEC223 the coil permeability is made to a standard  $\pm 10\%$  and the magnification "Q" is made to  $+30\% -10\%$ . These measurements refer to the standard test coils. Test frequencies used are 100kHz, 1MHz and 10MHz generally.

## Mechanical Tests

Diameter tolerance  $\pm 3\%$

Length tolerance  $\pm 2\%$  or 0.25mm whichever is greatest.

## Straightness

Rods are checked with a bow gauge having a bore of 0.64mm greater than the maximum specified outside diameter.  
The gauge length is 80mm.