

COMROD AG21, AG26

Lead-Through Insulator

Application:

AG21 and AG26 are fiberglass lead-through insulators for use on ships or in other demanding installations. They are designed to work together with SSB transmitters in the frequency range 1.6-30 MHz. The transmitting antenna may be a long-wire antenna or a whip. The complete fiberglass construction gives you a compact, easily installed insulator with low capacitive losses.

Electrical specifications:

| | |
|-----------------|---|
| Insulation | Min. 10 Mohm |
| RF power | Max 800 W _{pwp} in the frequency range 1.6-30MHz |
| Frequency range | 1.6-30MHz |

Mechanical specifications:

| | |
|---------------------|--|
| Design | Fiberglass tube and base. Conductor is sealed inside the tube by means of polyurethane foam. Base insulator in epoxy, top insulator in ceramic. |
| Length | AG21: L=2.0m, AG26: L=2.5m |
| Weight | AG21: 6.8 kg, AG26: 7.4 kg |
| Max. bending moment | 100 kpm |
| Finish | Polyurethane lacquer, white |
| Temperature range | -55 °C, +55 °C; -67 °F, +131 °F |

Mounting:

The insulator is mounted by means of 8 x M10 bolts on wheel-house roof or deck. Neoprene gasket is supplied.

If the base insulator is not long enough, extensions are available.

Thimble and shackle for strain relief are included.

Suitable antenna feed line: 7 x 7 x 0.6 copper wire. Special versions with other tube lengths are available on request.

