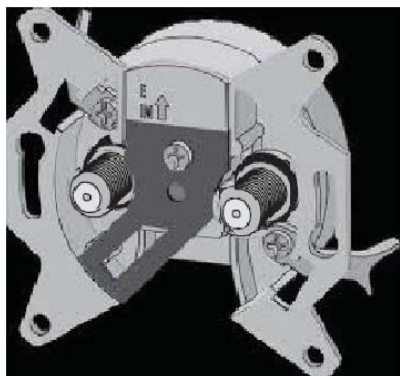
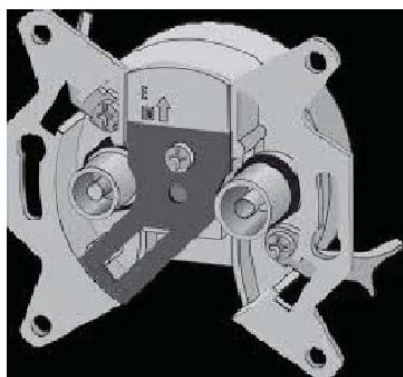


Double isolated TV/Radio N1 Outlet type F and PAL/IEC



N1 Type F



N1 Type IEC/PAL



N1 outlet with cover

Naval double galvanically isolated outlets N1 with IEC 9.5 mm connectors or F-connectors are a new series that have been designed especially for marine use and covers the complete TV-Radio frequencies of 0.1–890 MHz world-wide.

N1 is galvanically double isolated to avoid problems with interference and grounding which are quite common in larger systems. The outlet has improved RL and surge protection which makes it especially suitable for digital signals. N1 is for star net only, where each output from a tap-off or a splitter can feed max one N1.

The frame called N, for surface mounting, is designed to fit all the Naval outlets. It is manufactured in white ABS plastic. The standard supply of Naval outlets includes a full size white cover (76 x 76 mm). N1 need not be terminated.

Specifications

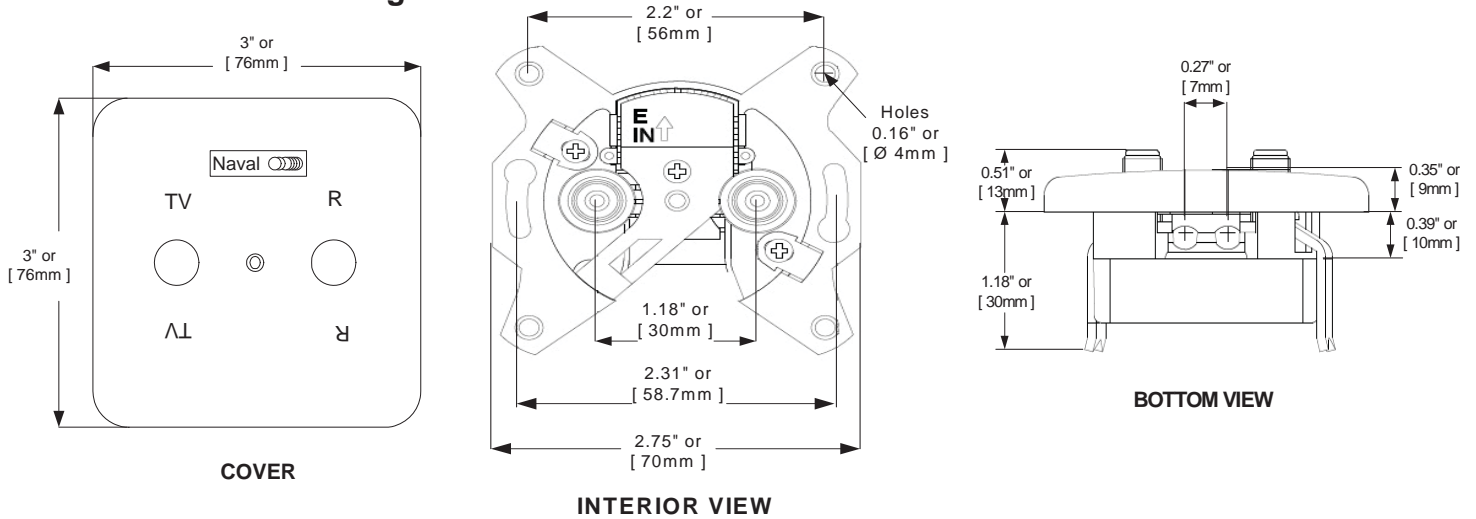
N1 Type F or IEC/PAL

- Frequency Range: TV 47-68 MHz; 130-890 MHz
R 0.1-30 MHz; 88-120 MHz
- Through Loss: In-TV 47-68 MHz 1 dB nom. 2.8 dB max.
130-890 MHz 1dB nom. 1.5 dB max.
In-R 0.1-30 MHz 2.5 dB nom. 4 dB max.
88-108 MHz 1dB nom. 1.8 dB max.
- Isolation: In-R 47-68 MHz 12 dB nom.
88-108 MHz 12 dB nom.
130-1000 MHz 12 dB nom.
- Return loss: In 5-890 MHz 10 dB nom.
TV 47-68 MHz 10 dB nom.
130-890 MHz 14dB nom.
R 88-108 MHz 10 dB nom.
- Connectors: Input Terminal block
TV "F" Female/IEC male
R "F" Female/IEC female
- Impedance: 75 Ohms
- Galvanic isolation: Up to 2kV
- Screening factor: TV 35 dB
R 43 dB
- Operating temp: -40 to +60°C
- Weight: 110g
- Size: (H) 76 x (W) 76 x (D) 32 mm

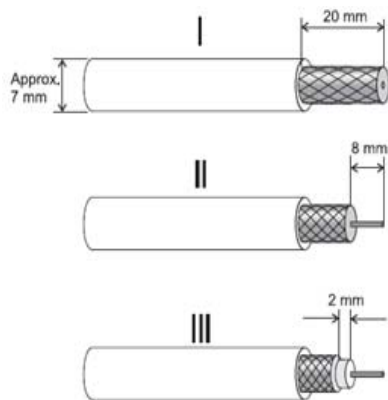
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Double isolated TV/Radio N1 Outlet type F and PAL/IEC

N1 Outlet and cover Diagram



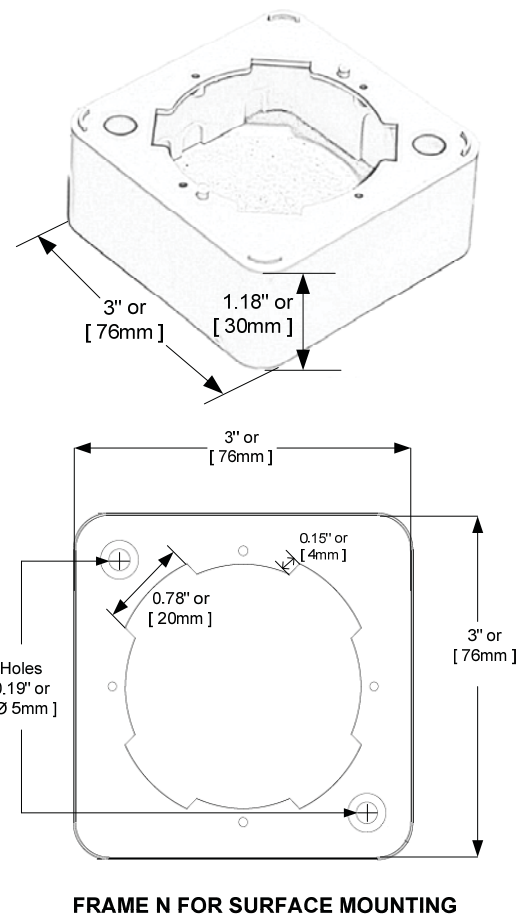
Recommended cable for N1



N1 outlet with Cover and Frame



N1 Frame Diagram



Part Description:

Outlet: N1 F Part No. 401.503-F
N1 IEC/PAL Part No. 401.503-I
N1 Frame: N type Part No. 401.501

Cover: TV-Radio Cover will include with outlet
For N1 Frame order separately

Cover and frame

Color: White
Material: ABS plastic



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