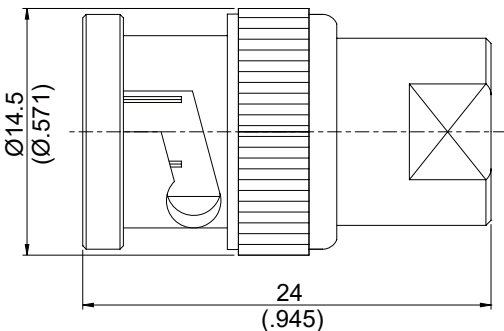


| AD-B3FME3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | BNC Plug to FME Plug<br>2GHz VSWR 1.2 |                                                       | 50Ω |       |          |                      |  |        |         |  |  |        |       |                                          |  |        |     |                                          |  |             |                  |                                                       |  |           |     |  |  |           |        |  |  |      |       |                                          |  |              |       |                                          |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------------|-----|-------|----------|----------------------|--|--------|---------|--|--|--------|-------|------------------------------------------|--|--------|-----|------------------------------------------|--|-------------|------------------|-------------------------------------------------------|--|-----------|-----|--|--|-----------|--------|--|--|------|-------|------------------------------------------|--|--------------|-------|------------------------------------------|--|
| <div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                       |                                                       |     |       |          |                      |  |        |         |  |  |        |       |                                          |  |        |     |                                          |  |             |                  |                                                       |  |           |     |  |  |           |        |  |  |      |       |                                          |  |              |       |                                          |  |
| <table><tr><th>Parts</th><th>Material</th><th colspan="2">Plating (Micro-inch)</th></tr><tr><td>Gasket</td><td>Silicon</td><td colspan="2"></td></tr><tr><td>Washer</td><td>Brass</td><td colspan="2">Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr><tr><td>Spring</td><td>SK5</td><td colspan="2">Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr><tr><td>Contact Pin</td><td>Beryllium Copper</td><td colspan="2">Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td></tr><tr><td>Insulator</td><td>POM</td><td colspan="2"></td></tr><tr><td>Insulator</td><td>Teflon</td><td colspan="2"></td></tr><tr><td>Body</td><td>Brass</td><td colspan="2">Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr><tr><td>Coupling Nut</td><td>Brass</td><td colspan="2">Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr></table> |                                       |                                                       |     | Parts | Material | Plating (Micro-inch) |  | Gasket | Silicon |  |  | Washer | Brass | Tin-Zinc-Copper-Alloy 100 Over Copper 50 |  | Spring | SK5 | Tin-Zinc-Copper-Alloy 100 Over Copper 50 |  | Contact Pin | Beryllium Copper | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |  | Insulator | POM |  |  | Insulator | Teflon |  |  | Body | Brass | Tin-Zinc-Copper-Alloy 100 Over Copper 50 |  | Coupling Nut | Brass | Tin-Zinc-Copper-Alloy 100 Over Copper 50 |  |
| Parts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Material                              | Plating (Micro-inch)                                  |     |       |          |                      |  |        |         |  |  |        |       |                                          |  |        |     |                                          |  |             |                  |                                                       |  |           |     |  |  |           |        |  |  |      |       |                                          |  |              |       |                                          |  |
| Gasket                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Silicon                               |                                                       |     |       |          |                      |  |        |         |  |  |        |       |                                          |  |        |     |                                          |  |             |                  |                                                       |  |           |     |  |  |           |        |  |  |      |       |                                          |  |              |       |                                          |  |
| Washer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Brass                                 | Tin-Zinc-Copper-Alloy 100 Over Copper 50              |     |       |          |                      |  |        |         |  |  |        |       |                                          |  |        |     |                                          |  |             |                  |                                                       |  |           |     |  |  |           |        |  |  |      |       |                                          |  |              |       |                                          |  |
| Spring                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | SK5                                   | Tin-Zinc-Copper-Alloy 100 Over Copper 50              |     |       |          |                      |  |        |         |  |  |        |       |                                          |  |        |     |                                          |  |             |                  |                                                       |  |           |     |  |  |           |        |  |  |      |       |                                          |  |              |       |                                          |  |
| Contact Pin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Beryllium Copper                      | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |     |       |          |                      |  |        |         |  |  |        |       |                                          |  |        |     |                                          |  |             |                  |                                                       |  |           |     |  |  |           |        |  |  |      |       |                                          |  |              |       |                                          |  |
| Insulator                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | POM                                   |                                                       |     |       |          |                      |  |        |         |  |  |        |       |                                          |  |        |     |                                          |  |             |                  |                                                       |  |           |     |  |  |           |        |  |  |      |       |                                          |  |              |       |                                          |  |
| Insulator                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Teflon                                |                                                       |     |       |          |                      |  |        |         |  |  |        |       |                                          |  |        |     |                                          |  |             |                  |                                                       |  |           |     |  |  |           |        |  |  |      |       |                                          |  |              |       |                                          |  |
| Body                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Brass                                 | Tin-Zinc-Copper-Alloy 100 Over Copper 50              |     |       |          |                      |  |        |         |  |  |        |       |                                          |  |        |     |                                          |  |             |                  |                                                       |  |           |     |  |  |           |        |  |  |      |       |                                          |  |              |       |                                          |  |
| Coupling Nut                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Brass                                 | Tin-Zinc-Copper-Alloy 100 Over Copper 50              |     |       |          |                      |  |        |         |  |  |        |       |                                          |  |        |     |                                          |  |             |                  |                                                       |  |           |     |  |  |           |        |  |  |      |       |                                          |  |              |       |                                          |  |
| Weight:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |                                                       |     |       |          |                      |  |        |         |  |  |        |       |                                          |  |        |     |                                          |  |             |                  |                                                       |  |           |     |  |  |           |        |  |  |      |       |                                          |  |              |       |                                          |  |

This part number complies with RoHS.

Notice: JYEBAO reserves the right to make modifications deemed appropriate.

| AD-B3FME3                                      |                                      | BNC Plug to FME Plug<br>2GHz VSWR 1.2 |                   |
|------------------------------------------------|--------------------------------------|---------------------------------------|-------------------|
| Interface                                      |                                      | BNC                                   | FME               |
| Standard                                       |                                      | MIL-STD-348B                          | Jyebao FME series |
| Electrical Data                                |                                      |                                       |                   |
| Impedance                                      | 50Ω                                  |                                       |                   |
| Frequency Range                                | DC To 2GHz                           |                                       |                   |
| VSWR                                           | ≤ 1.2 (DC To 2GHz)                   |                                       |                   |
| Insertion Loss                                 | ≤ 0.05 x √f(GHz) dB                  |                                       |                   |
| Insulation Resistance                          | ≥ 5000MΩ                             |                                       |                   |
| Dielectric Withstanding Voltage (at sea level) | 1000 V rms                           |                                       |                   |
| Working Voltage (at sea level)                 | 500 V rms                            |                                       |                   |
| Mechanical Data                                |                                      |                                       |                   |
|                                                | BNC                                  | FME                                   |                   |
| Recommended Coupling Nut Torque                | 0.6 to 2.5 in-lbs                    | ≤ 17 in-lbs                           |                   |
| Coupling Nut Retention Force                   | ≥ 101.2 lbs                          | NA                                    |                   |
| Contact Captivation-axial                      | ≥ 6.1 lbs                            | NA                                    |                   |
| Durability (mating)                            | ≥ 500                                | ≥ 300                                 |                   |
| Environmental Data                             |                                      |                                       |                   |
| Temperature Range                              | -40°C to +90°C                       |                                       |                   |
| Thermal Shock                                  | MIL-STD-202, Method 107, Condition B |                                       |                   |
| Moisture Resistance                            | MIL-STD-202, Method 206              |                                       |                   |
| Corrosion                                      | MIL-STD-202, Method 101, Condition B |                                       |                   |
| RoHS                                           | Compliant                            |                                       |                   |

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