

**COAXIAL ADAPTER, N - 7/16, 50 Ohm, jack / jack (female / female)**

31\_N-716-50-1/---\_U

**Properties**

- Wide range of different configurations
- Most common interfaces available
- Accurate transitions
- Effective and reliable interconnection solutions
- Appropriate materials



| Product configuration |               |                                           |
|-----------------------|---------------|-------------------------------------------|
| Interface type        | Gender        | Standard                                  |
| N                     | jack (female) | IEC 61169-16_MIL-STD-348A/304_CECC 22210  |
| 7/16                  | jack (female) | IEC 61169-4_CECC 22190_DIN 47223_VG 95250 |

| Interface and material data |                        |                                            |
|-----------------------------|------------------------|--------------------------------------------|
| N                           |                        |                                            |
| <b>Piece parts</b>          | <b>Material</b>        | <b>Plating</b>                             |
| Centre contact              | Copper Beryllium Alloy | Gold Plating (without Nickel underplating) |
| Outer conductor             | Brass                  | SUCOPLATE (R) Plating                      |
| Body                        | Brass                  | SUCOPLATE (R) Plating                      |
| Insulator                   | PFA / PTFE             |                                            |
| 7/16                        |                        |                                            |
| <b>Piece parts</b>          | <b>Material</b>        | <b>Plating</b>                             |
| Centre contact              | Bronze                 | Silver Plating                             |
| Outer conductor             | Brass                  | SUCOPLATE (R) Plating                      |
| Body                        | Brass                  | SUCOPLATE (R) Plating                      |
| Insulator                   | PFA / PTFE             |                                            |

| Electrical data     |                                                   |
|---------------------|---------------------------------------------------|
| Impedance           | 50 Ω                                              |
| Interface frequency | 7.5 GHz                                           |
| VSWR                | DC - 7.5 GHz ( $\leq 1.03 + 0.02 f \text{ GHz}$ ) |

| Mechanical data |           |
|-----------------|-----------|
| Weight          | 0.0879 kg |
| Mating cycles   | 500       |

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| Environmental data    |                   |
|-----------------------|-------------------|
| Operation temperature | -65 °C ... 165 °C |

| Ordering Information Table |                      |                |
|----------------------------|----------------------|----------------|
| Item number                | Item description     | Packaging type |
| 22640869                   | 31_N-716-50-1/---_UE | Single         |

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