

Within Series Adaptor 32_PC1-50-0-1/11-_UE

Description

Adaptor plug/plug
PC 1 plug (male) / PC 1 plug (male)

For Test & Measurement applications
Precision adaptor

Interface standard
Series PC 1 - IEEE 287:2007



Technical Data

Electrical Data

| | | | |
|--------------------------|--------------|----------------|---------------|
| Impedance | 50 Ω | | |
| Interface frequency max. | 110 GHz | | |
| Frequency range | DC to 50 GHz | 50 to 75 GHz | 75 to 110 GHz |
| Return loss | ≥ 20 dB | ≥ 17.5 dB | ≥ 16 dB |

Mechanical Data

| | |
|-------------------|----------|
| Number of matings | 100 |
| Weight | 0.004 kg |

Environmental Data

| | |
|--|----------------|
| Operating temperature | 15 °C to 30 °C |
| 2011/65/EU (RoHS - including 2015/863 and 2017/2102) | compliant |

Material Data

Interface - PC 1 plug (male)

| Piece Parts | Material | Surface Plating |
|----------------|------------------------------|--|
| Centre contact | Copper Beryllium Alloy | Gold Plating (without Nickel underplating) |
| Outer contact | Copper Beryllium Alloy | Gold Plating (without Nickel underplating) |
| Body | Copper Beryllium Alloy | Gold Plating (without Nickel underplating) |
| Insulator | PEEK (Polyether-etherketone) | |
| Coupling nut | Stainless Steel | Passivated (Plating) |

Interface - PC 1 plug (male)

| Piece Parts | Material | Surface Plating |
|----------------|------------------------------|--|
| Centre contact | Copper Beryllium Alloy | Gold Plating (without Nickel underplating) |
| Outer contact | Copper Beryllium Alloy | Gold Plating (without Nickel underplating) |
| Body | Copper Beryllium Alloy | Gold Plating (without Nickel underplating) |
| Insulator | PEEK (Polyether-etherketone) | |
| Coupling nut | Stainless Steel | Passivated (Plating) |

Related Documents

| | |
|-----------------|--------------|
| Outline drawing | DOU-00288067 |
|-----------------|--------------|

Ordering Information

| | |
|----------------|----------------------|
| Single package | 32_PC1-50-0-1/11-_UE |
|----------------|----------------------|

Within Series Adaptor 32_PC1-50-0-1/11-_UE