Series DSD RF coaxial connectors is mainly used in series D-SUB connector mix assembled in high/lown frequency and is suitable to assemble with 3~5mm flexible cable.

**Key performance**
- Characteristic Impedance: 50 Ω
- Frequency range: 0~2 GHz
- Contact resistance:
  - Center conductor: ≤5.0m Ω
  - Out conductor: ≤ 2.0m Ω
- Insulation resistance: ≥ 500M Ω
- Insulator voltage withstanding: 500V
- VSWR: ≤1.30
- Connector durability: 500 cycles

**Material**
- Center contacts:
  - Male—brass, gold plated.
  - Female—beryllium copper, gold plated.
- Bodies and other metal parts:
  - brass, gold plated
- Retaining ring:
  - beryllium copper, nickel plated
- Insulators: Teflon
- Crimp ferrule: copper, nickel plated.
- Gasket and seal rings: silicone rubber
- Heat-shrink tubing: thermofit plastic.

**Interface Dimensions**

```
12.5
0.476 - 0.479

12.5
0.472 - 0.475

6.4
0.525

3.9
```

**Reference Plane**

```
0.476 - 0.479
```

---

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<th>Suitable Cable</th>
<th>Note</th>
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### DSD SERIES

**CERNEX, Inc.**

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