

Between Series Adaptor 33_4310-716-50-X2/133_W

Description

PIM Adaptor plug/jack
4.3-10 plug (male) / 7/16 jack (female)

Interface standards
Series 4.3-10 - IEC 61169-54
Series 7/16 - IEC 61169-4_CECC 22190_DIN 47223_VG 95250

Benefits

Low passive intermodulation (PIM) adaptor



Technical Data

Electrical Data

| | | |
|--------------------------|------------|------------|
| Impedance | 50 Ω | |
| Interface frequency max. | 7.5 GHz | |
| Frequency range | 0 to 4 GHz | 4 to 6 GHz |
| Return loss | 27 dB | 25 dB |

PIM, 3rd order intermodulation distortion (IMD) max. Static -155 dBc at 2x 43 dBm / 20 W carrier

Mechanical Data

| | |
|-------------------|----------|
| Number of matings | 500 |
| Weight | 0.112 kg |

Environmental Data

| | |
|--|-----------------|
| Operating temperature | -55 °C to 90 °C |
| 2011/65/EU (RoHS - including 2015/863 and 2017/2102) | compliant |

Material Data

Interface - 4.3-10 plug (male)

| Piece Parts | Material | Surface Plating |
|----------------|------------------------|-----------------------|
| Centre contact | Copper Beryllium Alloy | Gold Plating |
| Outer contact | Brass | SUCOPLATE (R) Plating |
| Body | Brass | SUCOPLATE (R) Plating |
| Insulator | PFA / PTFE | |
| Coupling nut | Brass | SUCOPLATE (R) Plating |

Interface - 7/16 jack (female)

| Piece Parts | Material | Surface Plating |
|----------------|------------------------|-----------------------|
| Centre contact | Copper Beryllium Alloy | Gold Plating |
| Outer contact | Brass | SUCOPLATE (R) Plating |
| Body | Brass | SUCOPLATE (R) Plating |
| Insulator | PFA / PTFE | |

Related Documents

| | |
|-----------------|--------------|
| Outline drawing | DOU-00287242 |
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Ordering Information

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|----------------|--------------------------|
| Single package | 33_4310-716-50-X2/133_WE |
|----------------|--------------------------|

Remarks

PIM typ. -160 dBc at 2 x 20 W / 43 dBm

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