

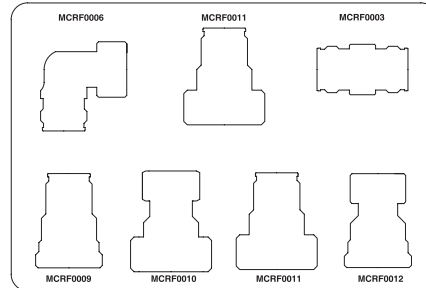
4.3-10 RF Adapter Kit



RoHS
Compliant



Diagram of the Kit



7-Piece 4.3-10 RF Adapter Kit comes packaged in a foam padded zipper storage case.

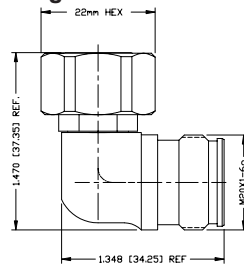
Kit Contents

1. MCRF0006

4.3-10 Female to 4.3-10 Male Right Angle Adapter



Diagram



Dimensions : Inches (Millimetres)

Specifications

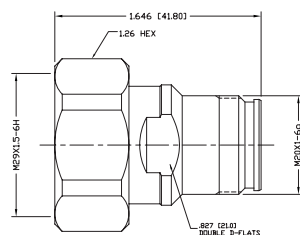
Adapter Style	: Right Angle Low PIM
Impedance	: 50Ω
Frequency Range	: DC-6 GHz
Insertion Loss	: $-0.03\text{dB} \times \sqrt{\text{Frequency GHz}}$
VSWR Max.	: $<1.15:1 @ 3 \text{ GHz}$
Body Plating	: White Bronze
Contact Plating	: Silver
Dielectric	: PTFE
Operating Temperature	: -40°C to $+155^{\circ}\text{C}$

2. MCRF0011

4.3-10 Female to 7-16 DIN Male Adapter



Diagram



Dimensions : Inches (Millimetres)

Specifications

Adapter Style	: Straight Low PIM
Impedance	: 50Ω
Frequency Range	: 0 ~ 6 GHz
Max. PIM	: $-160\text{dBc Max. (1900MHz)}$
VSWR	: 0 to 3 GHz $<1.1:1$ 3 to 4 GHz $<1.15:1$ 4 to 6 GHz $<1.25:1$
Insertion Loss	: 0.05 dB Max. @ 3.0 GHz
Insulation Resistance	: 5000MΩ
Working Voltage	: 1200 Vrms Max.
Mating Cycles	: 500
Body Plating	: White Bronze
Contact Plating	: Silver
Dielectric	: PTFE
Operating Temperature	: -55°C to $+85^{\circ}\text{C}$

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www.newark.com



4.3-10 RF Adapter Kit

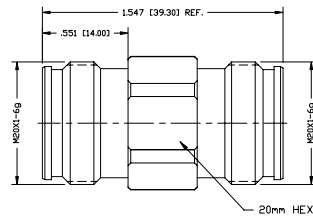


3. MCRF0003

4.3-10 Female to 4.3-10 Female Barrel Adapter



Diagram



Dimensions : Inches (Millimetres)

Specifications

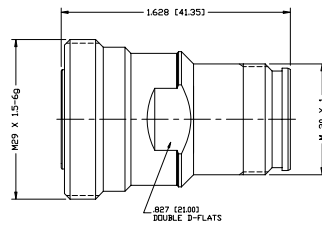
Adapter Style	: Straight Low PIM
Impedance	: 50Ω
Frequency Range	: DC-6 GHz
Insertion Loss	: -0.01dB × √Frequency GHz
VSWR Max.	: <1.15:1 @ 3 GHz
Body Plating	: White Bronze
Contact Plating	: Silver
Dielectric	: PTFE
Operating Temperature	: -40°C to +155°C

4. MCRF0009

4.3-10 Female to 7-16 DIN Female Adapter



Diagram



Dimensions : Inches (Millimetres)

Specifications

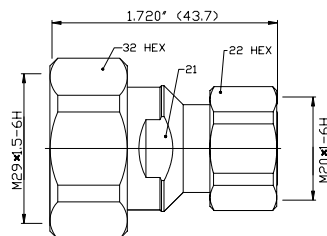
Adapter Style	: Straight Low PIM
Impedance	: 50Ω
Frequency Range	: 0-6 GHz
VSWR	: ≤ 1.15
PIM	: < -160dBc
Dielectric Withstanding Voltage	: 2000V AC
Insulation Resistance	: 1000MΩ
Body Plating	: White Bronze
Contact Plating	: Silver
Dielectric	: PTFE
Operating Temperature	: -40°C to +155°C

5. MCRF0010

4.3-10 Male to 7-16 DIN Male Adapter



Diagram



Dimensions : Inches (Millimetres)

Specifications

Adapter Style	: Straight Low PIM
Impedance	: 50Ω
Frequency Range	: 0-6 GHz
VSWR	: ≤ 1.15:1
PIM	: < -160dBc
Dielectric Withstanding Voltage	: 2000V AC
Insulation Resistance	: 1000MΩ
Body Plating	: White Bronze
Contact Plating	: Silver
Dielectric	: PTFE
Operating Temperature	: -40°C to +155°C



4.3-10 RF Adapter Kit

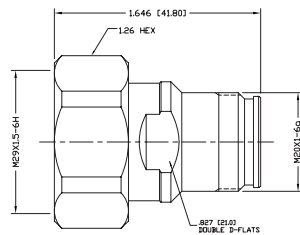


6. MCRF0011

4.3-10 Female to 7-16 DIN Male Adapter



Diagram



Dimensions : Inches (Millimetres)

Specifications

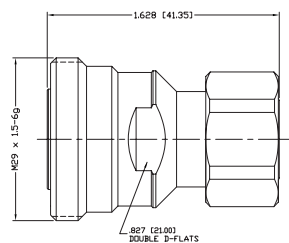
Adapter Style	: Straight Low PIM
Impedance	: 50Ω
Frequency Range	: 0 ~ 6 GHz
Max. PIM	: -160dBc Max. (1900MHz)
VSWR	: 0 to 3 GHz <1.1:1 3 to 4 GHz <1.15:1 4 to 6 GHz <1.25:1
Insertion Loss	: 0.05 dB Max. @ 3.0 GHz
Insulation Resistance	: 5000MΩ
Working Voltage	: 1200 Vrms Max.
Mating Cycles	: 500
Body Plating	: White Bronze
Contact Plating	: Silver
Dielectric	: PTFE
Temperature Range	: -55°C to +85°C

7. MCRF0012

4.3-10 Male to 7-16 DIN Female Adapter



Diagram



Dimensions : Inches (Millimetres)

Specifications

Adapter Style	: Straight Low PIM
Impedance	: 50Ω
Frequency Range	: 0-6 GHz
VSWR	: ≤ 1.15:1
PIM	: < -160dBc
Dielectric Withstanding Voltage	: 2000V AC
Insulation Resistance	: 1000MΩ
Body Plating	: White Bronze
Contact Plating	: Silver
Dielectric	: PTFE
Operating Temperature	: -40°C to +155°C

Part Number Table

Description	Part Number
7-Pc. 4.3-10 RF Adapter Kit	MCRF0002

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