

2.92mm/2.92mm

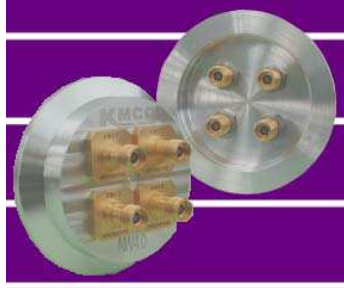
DC - 40GHz, Hermetically Sealed, Coaxial Adapter

DESCRIPTION

This "KPC292FFHA " Hermetically Sealed 2.92mm to 2.92mm Coaxial Adapter that

- DC to 40GHz,
- Low SWR and loss,
- Hermetic RF interface between vacuum and atmosphere environment,
- Small mounting space,

is designed for broadband devices, instrument and component testing use.



SPECIFICATIONS:

Electrical:

Frequency Range DC - 40 GHz
 Return Loss >15 dB
 Insertion Loss <0.45 dB
 Electrical Length Below (Nominal)
 Temperature Range -55 to +125 deg.C

Mechanical:

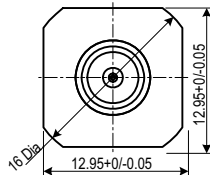
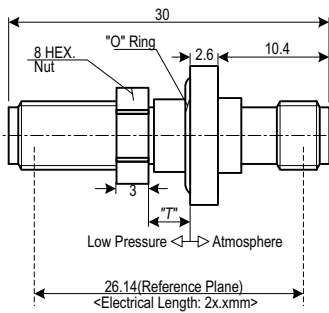
Body and Outer Conductors:
 -Gold Plated Stainless steel and Brass
 Inner Conductors:
 -Gold Plated Beryllium Copper
 Inner and Outer Conductors for seal:
 - Gold Plated Fe/Ni/Co Alloy(KOVAR)
 Insulator for seal: #7070 Glass(Corning)
 Gasket for flange seal: Fluoroelastomer "O" Ring
 Coupling Torque 90 N-cm(Nominal)
 Connect/Disconnect Life >1,000 Cycles
 He leak rate(*) <1x10⁻¹⁰ Pam³/Sec (<1x10⁻⁹ atm cc /Sec)



Production Status
 4 weeks Lead-Time will be available for shipping.

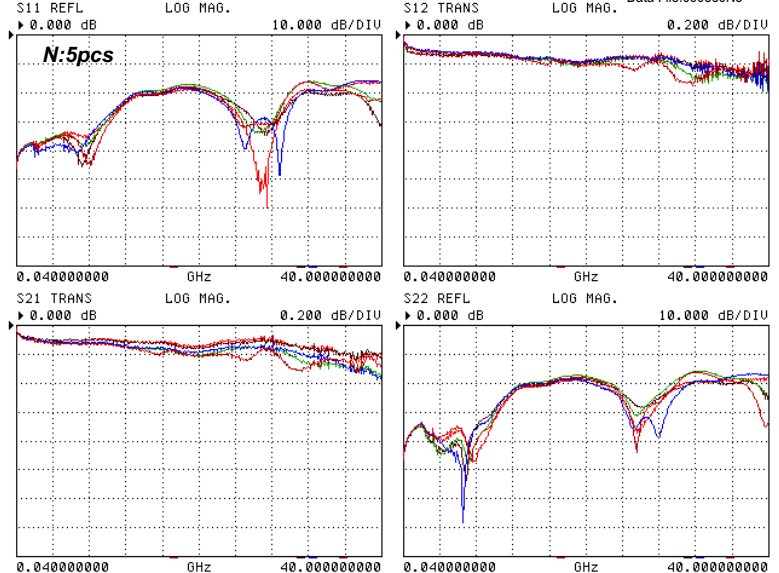
TYPE: KPC292FFHA

2.92mm Female/2.92mm Female

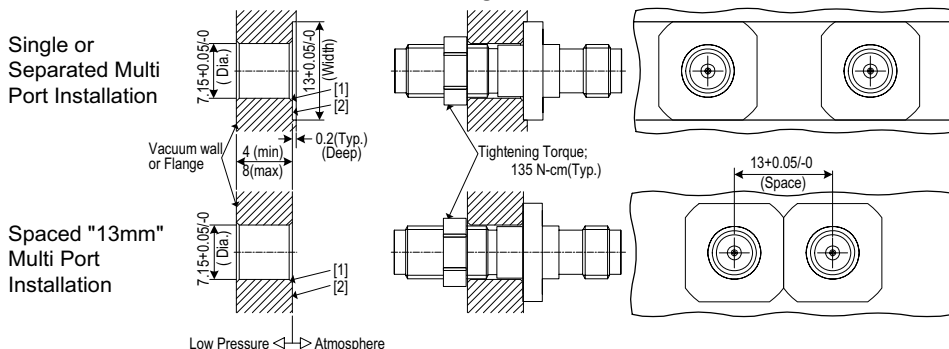


T: Vacuum wall or Flange thickness, 4(min) to 8(max) mm

Typical Performance



Recommended Mounting Hole and Installation

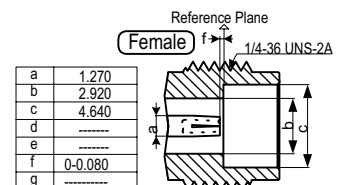


Note:

- All dimensions are in Millimeters.
- [1] Chamfer : Less than 0.05 mm
- [2] Required "Smooth Surface"
- (*) As Per MIL-STD-883E, METHOD1014.10, Test Condition A4

Interface Mating Dimensions of KPC292 (2.92mm Connectors<*>)

<*> Matable with 3.5mm and SMA



Specifications Subject to Change Without Notice.

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Kawashima Manufacturing Co., Ltd.

1-3-5 Higashiikuta, Tama-ku,
 Kawasaki 214-0031 JAPAN

TEL: +81-44-911-7073
 http://www.kmco.biz/

FAX: +81-44-911-9621
 e-mail: sales@kmco.co.jp