PASTERNACK
an INFINITE brand

Precision 3.5mm Female to 7mm Adapter

RF Adapters Technical Data Sheet PE91546

Configuration

- 3.5mm Female Connector 1
- 7mm Sexless Connector 2
- 50 Ohm
- Precision Design
- Straight Body Geometry

Features

- Max VSWR of 1.15:1 up to 18 GHz
- 4µ in. minimum contact plating
- Gold over Nickel Plated Beryllium Copper Contact

Applications

- Allows Connection Between Series
- General Purpose Test
- Precision Test & Measurement

Description

Pasternack's PE91546 3.5mm female to 7mm adapter is part of our full line of RF components available for same-day shipping. The 3.5mm connector mates mechanically with commercially available SMA and 2.92mm (K) connectors. Our 3.5mm to 7mm adapter has a female to sexless gender configuration built of durable stainless steel in a precision design. PE91546 3.5mm female to 7mm adapter operates to 18 GHz. The Pasternack RF adapter provides excellent VSWR of 1.15:1 maximum.

RF adapters are often used to enable connections between two connector types that would otherwise not mate. Certain adapter configurations can also be used to protect connectors on expensive equipment where the number of connect/disconnect cycles is high. An RF, microwave or millimeter wave adapter is connected to the equipment, and the commonly changed connection is made with the adapter which can be easily replaced when it wears out after high usage; such adapters are referred to as connector savers. Pasternack also offers bulkhead, panel mount, hermetically sealed, reverse polarity, and isolated ground adapter varieties to serve all of your RF, microwave and millimeter wave needs.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
VSWR			1.15:1	

Mechanical Specifications

Size

Length	1.527 in [38.79 mm]
Width	0.87 in [22.1 mm]

Description	Connector 1	Connector 2
Type	3.5mm Female	7mm Sexless
Polarity	Standard	Standard

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Precision 3.5mm Female to 7mm Adapter PE91546

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
Sales@Pasternack.com • Techsupport@Pasternack.com

PASTERNACK
an INFINITE brand

Precision 3.5mm Female to 7mm Adapter

RF Adapters Technical Data Sheet PE91546

Material Specifications

Description	Connector 1 Material	Connector 1 Plating	Connector 2 Material	Connector 2 Plating
Type	3.5mm Female		7mm Sexless	
Contact	Beryllium Copper	Gold over Nickel 4µ in. minimum	Beryllium Copper	Gold over Nickel 4µ in. minimum
Insulation	Oxide-Noryl		Oxide-Noryl	
Outer Conductor	Passivated Stainless Steel			
Body	Passivated Stainless Steel		Passivated Stainless Steel	
Coupling Nut			Passivated Stainless Steel	

Compliance Certifications (see product page for current document)

Precision 3.5mm Female to 7mm Adapter from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: Precision 3.5mm Female to 7mm Adapter PE91546

URL: https://www.pasternack.com/3.5mm-female-7mm-sexless-straight-adapter-pe91546-p.aspx

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
Sales@Pasternack.com • Techsupport@Pasternack.com

PE91546 CAD Drawing

Precision 3.5mm Female to 7mm Adapter