



# Precision 3.5mm RF Connectors

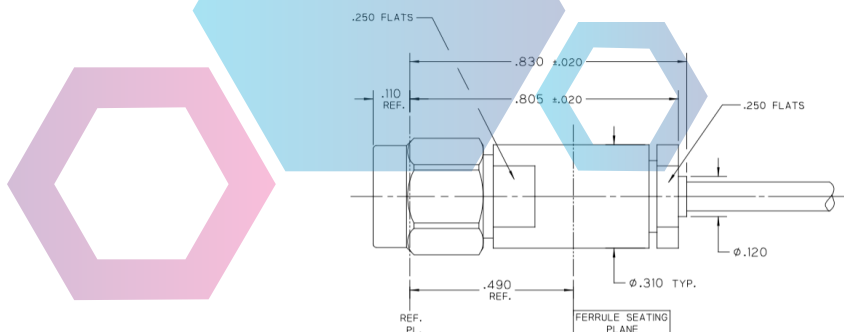
## Cable Attachment Versions for Flexible and Semi-Rigid

Operate's up to 34GHz  
 Stainless Steel Construction  
 Interchangeable with SMA & 2.92mm  
 Low VSWR & Insertion Loss  
 Op. temp -65C to 105C



3.5mm connectors are 50 ohm precision connectors designed to perform mode free to 34GHz. The connector body wall is more robust than standard SMA connectors. The interface is air dielectric with the contact supported by a short special bead. 3.5mm connectors are mechanically compatible with SMA and 2.92mm connectors. ConductRF offers 3.5mm connectors for semi-rigid and low-loss flexible cable, receptacles and precision adapters.

Description	ConductRF #	Frequency
<b>3.5mm Jacks for Cable Attachment</b>		
JACK, 2-HOLE FLANGE MOUNT FOR .047 SEMI-RIGID CABLE	PEF41A-2HLS01	DC to 34GHz
JACK, BULKHEAD, SOLDER CLAMP FOR RG-402 CABLE	PEF31A-A29S01	DC to 34GHz
JACK, SOLDER CLAMP FOR RG-402 CABLE	PEF11A-A29S01	DC to 34GHz
JACK, SOLDER CLAMP FOR SEMFLEX HP160 CABLE	PEF12A-A77S01	DC to 34GHz
NMD JACK, SOLDER CLAMP FOR HARBOUR LL142 CABLE	PEFNMD-A74S01	DC to 34GHz
<b>3.5mm Plugs for Cable Attachment</b>		
PLUG, SOLDER CLAMP FOR RG-405 SEMI-RIGID CABLE	PEM11A-A28S01	DC to 34GHz
PLUG, SOLDER CLAMP FOR RG-402 SEMI-RIGID CABLE	PEM11A-A29S01	DC to 34GHz
PLUG, SOLDER CLAMP FOR SEMFLEX HP120 CABLE	PEM11A-A76S01	DC to 34GHz
PLUG, SOLDER CLAMP FOR SEMFLEX HP160 CABLE	PEM11A-A77S01	DC to 34GHz



Images for illustration only, Data subject to change. Custom Variants and Cabled Solutions available on request

14-3.5mm-B



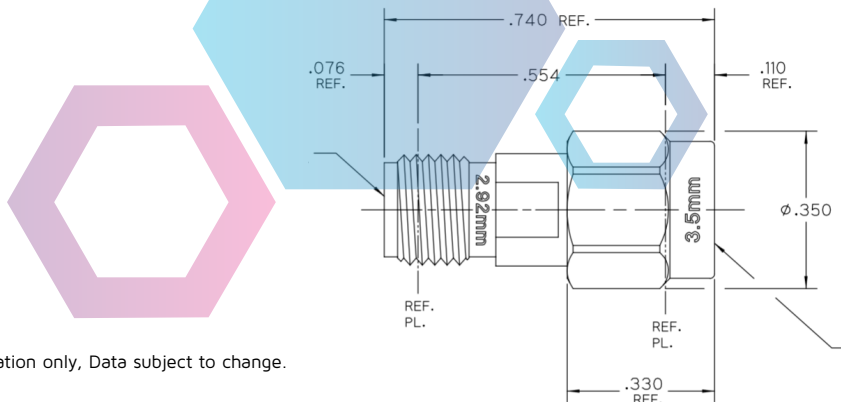
# Precision 3.5mm RF Adapters

## In-Series and Between Series for Test Applications

Optimized Performance  
 Stainless Steel Construction  
 Interchangeable with SMA & 2.92mm  
 Low VSWR 1.15:1 Max  
 Low Insertion Loss - 0.07f/2  
 Op. Temp -65C to 105C



Description	ConductRF #	Frequency
<b>3.5mm Between Series Adapters</b>		
3.5mm JACK to 2.92mm JACK ADAPTER	<b>BA-PDF-PEF-50</b>	DC to 34GHz
3.5mm JACK to 2.92mm BULKHEAD JACK ADAPTER	<b>BA-PD3-PEF-50</b>	DC to 34GHz
3.5mm PLUG to 2.92mm JACK ADAPTER	<b>BA-PDF-PEM-50</b>	DC to 34GHz
3.5mm PLUG to TYPE N JACK ADAPTER	<b>BA-PEM-PNF-50</b>	DC to 18GHz
3.5mm JACK TO N JACK ADAPTER 18GHZ-1PC BODY	<b>BA-PEF-PNF-50A</b>	DC to 18GHz
3.5mm JACK TO N PLUG ADAPTER 18GHZ-1PC BODY	<b>BA-PEF-PNM-50A</b>	DC to 18GHz
3.5mm PLUG TO N PLUG ADAPTER 18GHZ-1PC BODY	<b>BA-PEM-PNM-50A</b>	DC to 18GHz
3.5mm PLUG TO N JACK ADAPTER 18GHZ-1PC BODY	<b>BA-PEM-PNF-50A</b>	DC to 18GHz
<b>3.5mm In Series Adapters</b>		
3.5mm PLUG TO 3.5mm PLUG ADAPTER	<b>PEM11A-ADPS01</b>	DC to 33GHz
3.5mm PLUG TO 3.5mm JACK ADAPTER	<b>PEA11A-ADPS01</b>	DC to 33GHz
3.5mm JACK TO 3.5mm JACK ADAPTER	<b>PEF11A-ADPS01</b>	DC to 33GHz



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 14-3.5mmB