

FEATURES

Semflex's 50 ohm precision high performance phase equal adapters are designed to have extremely low VSWR and insertion loss. These adapters are used on any type of equipment requiring extremely accurate measurements. They are especially useful on network analyzer calibrations.

SPECIFICATIONS

Electrical:

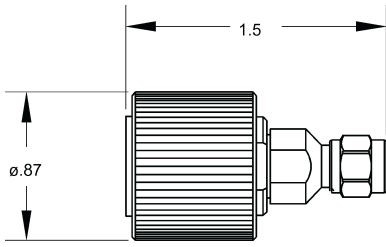
Frequency Range:	DC - 18 GHz
VSWR:	
DC – 5 GHz:	1.03:1 maximum
5 GHz – 10 GHz:	1.04:1 maximum
10 GHz – 18 GHz:	1.06:1 maximum
Loss Match:	+0.02 dB
Phase Match:	+0.15o/GHz
Electrical Length:	4.75 cm (nom.) in Air
Impedance:	50 ohms
Insertion Loss:	Less than 0.5 dB to 18 GHz

GENERAL

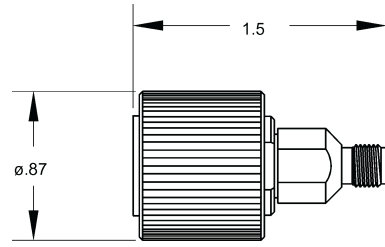
Temperature Range:	-65°C to +125°C
Materials:	
Bodies:	Passivated stainless steel
Contacts:	Gold plated beryllium copper

NOTE: Interface and mating dimensions for all connector types listed per MIL-STD-348a and IEEE-STD-287

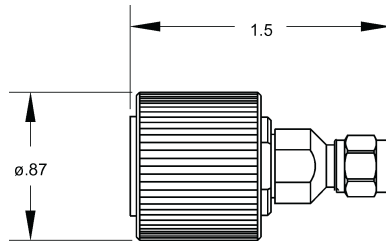
MODEL NUMBER	INTERFACE 1	INTERFACE 2	OVERALL LENGTH
30145-01	7 mm	3.5 mm Male	1.5 ±0.01
30146-01	7 mm	3.5 mm Female	1.5 ±0.01
30148-01	7 mm	SMA Male	1.5 ±0.01
30149-01	7 mm	SMA Female	1.5 ±0.01
30150-01	7 mm	N Male	1.5 ±0.01
30151-01	7 mm	N Female	1.8 ±0.01
30152-01	7 mm	ETNC Male	1.5 ±0.01
30153-01	7 mm	TNC Female	1.8 ±0.01
30154-01	7 mm	TNC Male	1.5 ±0.01
30156-01	7 mm	ETNC Female	1.8 ±0.01



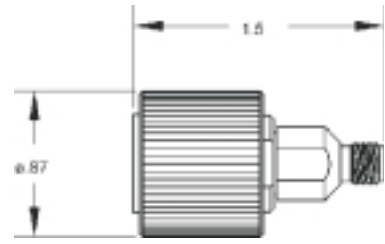
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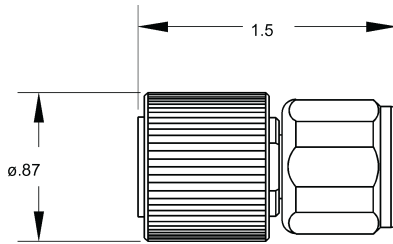
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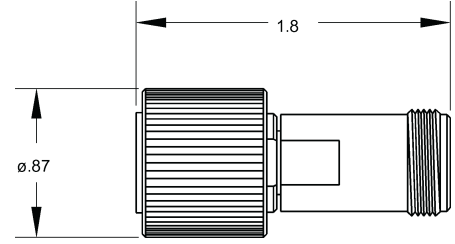
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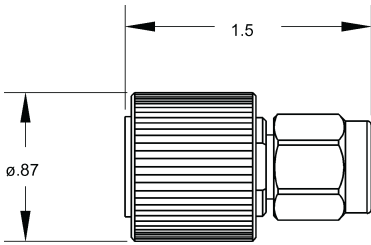
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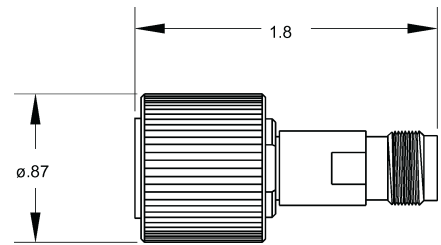
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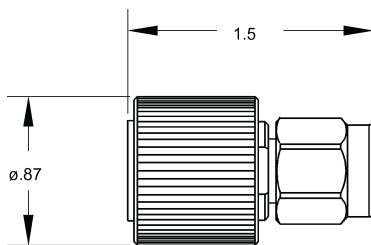
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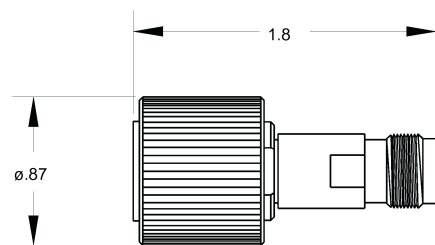
30152-01



30153-01



30154-01



30156-01