Coaxial
Adapter 3.5mm-F to 3.5mm-F

35F-35F50+

50Ω DC to 34 GHz



CASE STYLE: DJ1733

Connectors	Model	Price	Qty.
3.5mm-Female	35F-35F50+	$64.95 ea.	(1-9)

+RoHS Compliant
The +Suffix identifies RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications

Maximum Ratings

Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C

Permanent damage may occur if any of these limits are exceeded.

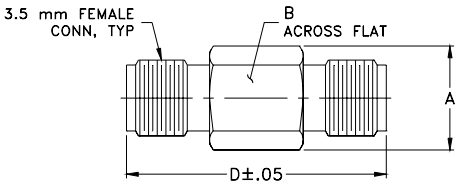
Features

- flat response
- excellent VSWR, 1.05 typ. up to 18 GHz and 1.08 typ. up to 34 GHz
- low cost adapters, available from stock
- rugged stainless steel body, passivated
- 3.5 mm connector mates with SMA, K, 2.92 mm connectors

Applications

- interconnection of RF cable and equipment

Outline Drawing



Outline Dimensions (inch / mm)

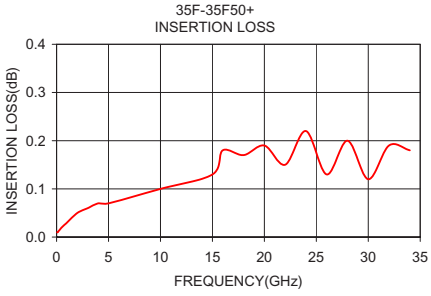
A	B	C	D	E	wt
.307	.274	--	.772	--	grams
7.80	6.96	--	19.61	--	3.0

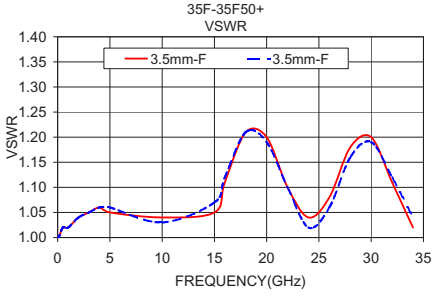
Electrical Specifications at 25°C

Parameter	Condition (GHz)	Min.	Typ.	Max.	Units
Frequency Range		DC		34	GHz
Insertion Loss	DC - 34	—	0.13	—	dB
VSWR	DC - 18	—	1.05	1.25	:1
	DC - 26.5	—	1.07	1.25	
	DC - 34	—	1.08	1.25	

Typical Performance Data

Frequency (GHz)	Insertion Loss (dB)	VSWR (:1)	
		3.5mm-F	3.5mm-F
0.05	0.01	1.00	1.00
0.1	0.01	1.00	1.00
0.5	0.02	1.02	1.02
1	0.03	1.02	1.02
2	0.05	1.04	1.04
3	0.06	1.05	1.05
4	0.07	1.06	1.06
5	0.07	1.06	1.05
10	0.10	1.03	1.04
15	0.13	1.07	1.05
16	0.18	1.12	1.11
18	0.17	1.21	1.21
20	0.19	1.19	1.20
22	0.15	1.10	1.10
24	0.22	1.02	1.04
26	0.13	1.06	1.08
28	0.20	1.16	1.18
30	0.12	1.19	1.20
32	0.19	1.12	1.11
34	0.18	1.04	1.02





Notes
A. Performance and quality attributes and conditions not expressly stated in this specification document are intended to be excluded and do not form a part of this specification document.
B. Electrical specifications and performance data contained in this specification document are based on Mini-Circuit's applicable established test performance criteria and measurement instructions.
C. The parts covered by this specification document are subject to Mini-Circuits standard limited warranty and terms and conditions (collectively, "Standard Terms"); Purchasers of this part are entitled to the rights and benefits contained therein. For a full statement of the Standard Terms and the exclusive rights and remedies thereunder, please visit Mini-Circuits' website at www.minicircuits.com/MCLStore/terms.jsp