Coaxial

Adapter *3.5mm-F to 3.5mm-M*

35F-35M50+

50Ω DC to 34 GHz



CASE STYLE: DJ1734

Connectors		Model	Price	Qty.
Conn1	**Conn2**			
3.5mm-F	**3.5mm-M**	35F-35M50+	$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.

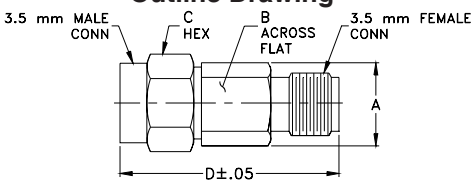
Features

- flat response
- excellent VSWR, 1.07 typ. up to 18 GHz and 1.1 typ. up to 34 GHz
- low cost adapters, available from stock
- rugged stainless steel body, passivated
- 3.5 mm connector mates with SMA, K and 2.92 mm connectors

Applications

- connection saver
- cable extender

Outline Drawing



Outline Dimensions (inch / mm)

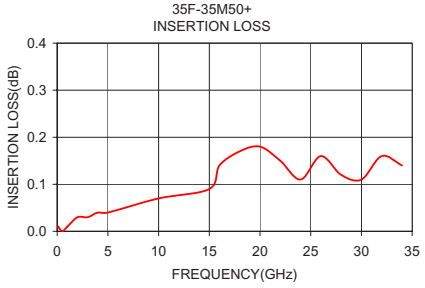
A	B	C	D	E	wt
.307	.274	.312	.815	--	grams
7.80	6.96	7.92	20.70	--	**3.0**

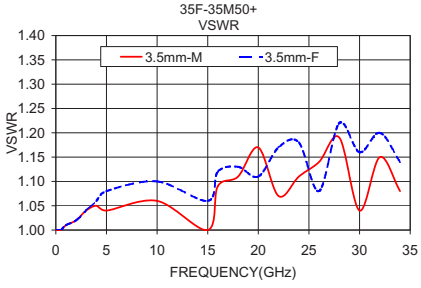
Electrical Specifications at 25°C

Parameter	Condition (GHz)	Min.	Typ.	Max.	Units
Frequency Range		DC		34	GHz
Insertion Loss	DC - 34	—	0.12	—	dB
VSWR	DC - 18	—	1.07	1.25	:1
	DC - 26.5	—	1.10	1.25	
	DC - 34	—	1.10	1.25	

Typical Performance Data

Frequency (GHz)	Insertion Loss (dB)	VSWR (:1)	
		3.5mm-M	3.5mm-F
0.05	0.01	1.00	1.00
0.1	0.01	1.00	1.00
0.5	0.00	1.00	1.00
1	0.01	1.01	1.01
2	0.03	1.02	1.02
3	0.03	1.04	1.04
4	0.04	1.06	1.05
5	0.04	1.08	1.04
10	0.07	1.10	1.06
15	0.09	1.06	1.00
16	0.14	1.12	1.09
18	0.17	1.13	1.11
20	0.18	1.11	1.17
22	0.15	1.17	1.07
24	0.11	1.18	1.11
26	0.16	1.08	1.14
28	0.12	1.22	1.19
30	0.11	1.16	1.04
32	0.16	1.20	1.15
34	0.14	1.14	1.08





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