

MCX Plug to BNC Female (Jack) Adapter, 1.35 VSWR

MCX plug to BNC female adapter part number SM3665 from Fairview Microwave is in-stock and ships same day. This Fairview MCX to BNC adapter has a plug to female gender configuration. SM3665 MCX plug to BNC female adapter operates to 6 GHz. The Fairview Microwave RF adapter provides good VSWR of 1.35:1 maximum.

RF adapters can be used to enable connections between two connector types that would otherwise not mate. Certain RF adapter configurations can also be used to protect connectors on expensive equipment where the number of connect and 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. Fairview Microwave 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	Min	Typ	Max	Units
Frequency Range	DC		6	GHz
VSWR			1.35:1	

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 2	2 to 6				GHz
VSWR, Max	1.2:1	1.35:1				

Mechanical Specifications

Size	
Length	1.246 in [31.7 mm]
Width	0.45 in [11.43 mm]
Weight	0.0302 lbs [13.7 g]

Description	Connector 1	Connector 2
Type	MCX Plug	BNC Female
Polarity	Standard	Standard

Material Specifications

Description	Connector 1	Connector 2
Type	MCX Plug	BNC Female
Contact Material	Beryllium Copper	Brass
Contact Plating	Gold	Gold
Contact Plating Spec.	MIL-G-45204	MIL-G-45204
Insulation Material	PTFE	PTFE
Body Material	Brass	Brass
Body Plating	Nickel	Nickel



Configuration:

- MCX Plug Connector 1
- BNC Female Connector 2
- 50 Ohm
- Straight Body Geometry

Features:

- VSWR of 1.35:1 max up to 6 GHz
- Contact plating according to MIL-G-45204

Applications:

- Enables Between Series Connections
- General Purpose Test

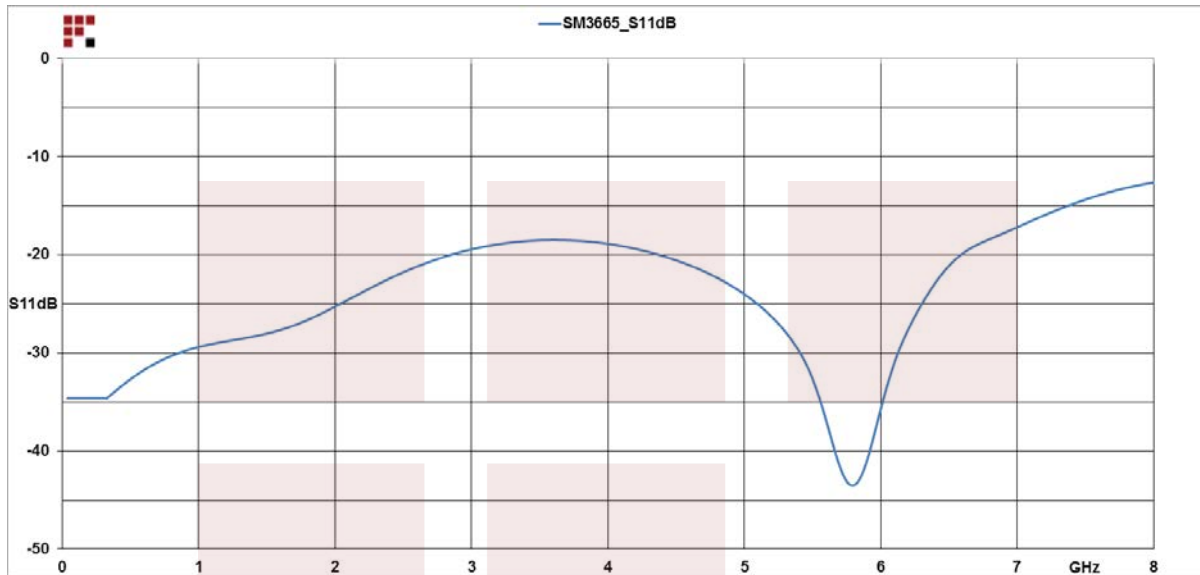
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

Typical Performance Data



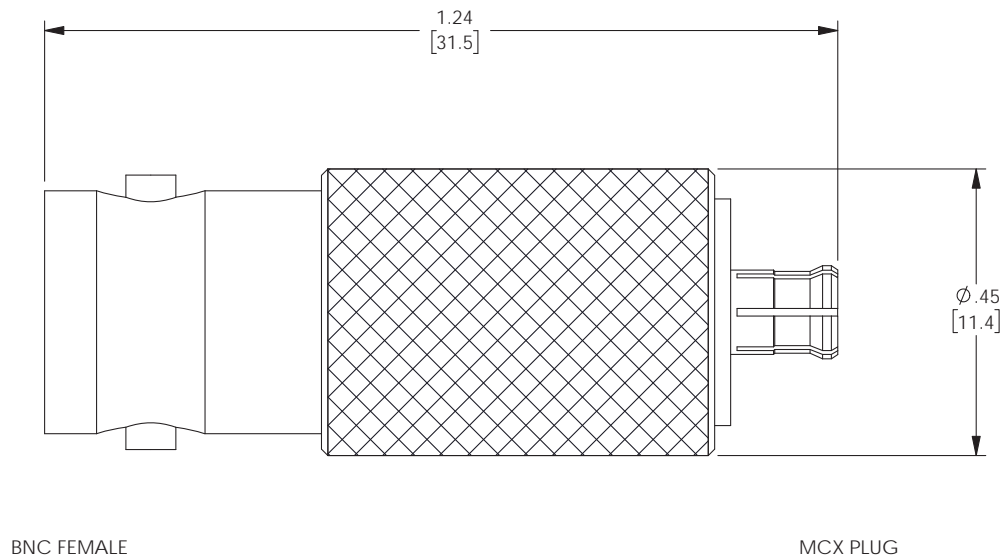
MCX Plug to BNC Female (Jack) Adapter, 1.35 VSWR from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [MCX Plug to BNC Female \(Jack\) Adapter, 1.35 VSWR SM3665](#)



URL: <https://www.fairviewmicrowave.com/mcx-plug-bnc-female-adapter-sm3665-p.aspx>

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	08/10/2021	SRAUTUS



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 Fairview Microwave an INFINIT [®] brand	UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS		THIRD-ANGLE PROJECTION 		
	TOLERANCES:		CABLE LENGTH (L) TOLERANCES:		
.X = ± 2 [5.08] FRACTIONS ± 1/32 .XX = ± 0.2 [5.1] ± 1/32 .XXX = ± 0.005 [0.13] ANGLES ± 1°		L ≤ 12 [305] = +1 [25] / -0 12 [305] < L ≤ 60 [1524] = +2 [51] / -0 60 [1524] < L ≤ 120 [3048] = +4 [102] / -0 120 [3048] < L ≤ 300 [7620] = +6 [152] / -0 300 [7620] < L = +5%L / -0		THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF FAIRVIEW MICROWAVE CORPORATION. ALL RIGHTS RESERVED.	
TITLE MCX Plug to BNC Female (Jack) Adapter, 1.35 VSWR			SHEET 1 OF 1		
ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.			SCALE N/A		
SIZE A	CAGE CODE 3FKR5	DRAWN BY DFRISIELLO	ITEM NO. SM3665	REV A	

T-Rev.D