2.4 mm

INTRODUCTION

2.4 mm connectors are 50 ohm precision connectors designed for use to 50 GHz. The design eliminates the fragility of the SMA and 2.92 mm connectors by increasing the outer wall thickness and strengthening the female fingers. The outer conductor measures 2.4 mm and the robust wall of the connector body is designed to engage before the center conductor, assuring a rugged, repeatable mating interface. The male connectors are provided with a 8 mm (5/16 in.) hex coupling nut so they can be properly torqued.

2.4 mm connectors are mechanically compatible with 1.85 mm connectors. They cannot mate with SMA, 3.5-mm and 2.92-mm without the use of precision adapters.

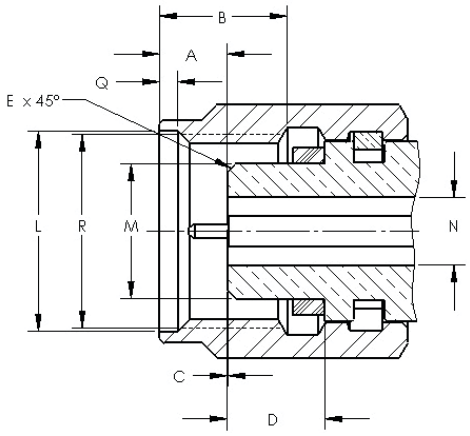
Radiall offers 2.4 mm connectors for semi-rigid and low loss flexible cables, receptacles, and precision adapters.

Connectors for low loss flexible cables and TestPro cables are not detailed in this section. They are available in our cable assembly offer.

2.4 MM DESIGN FEATURES

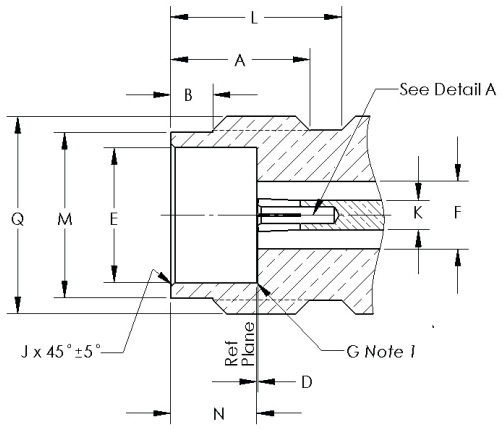
- Excellent performance up to 50 GHz
- Low VSWR and insertion loss
- Rugged construction for reliability
- Mechanically compatible with 1.85 mm connector series

INTERFACE



JACK

LETTER	MM		INCH
	MIN	MAX	MIN
A	1.8500	2.4500	0.0728
B	4.3400	4.6600	0.1709
C	0.0000	0.0760	0.0000
D	3.3800	3.4800	0.1331
L	7.0100	7.1100	0.2760
M	4.7250	4.7500	0.1860
N	2.3875	2.4125	0.0940
Q	0.5100	0.7700	0.0201
R	M7x0.75-6H		



PLUG

LETTER	MM		INCH
	MIN	MAX	MIN
A	4.8000	5.0600	0.1890
B	1.3700	1.6300	0.0539
D	0.0000	0.0760	0.0000
E	4.7700	4.7950	0.1878
F	2.3875	2.4125	0.0940
K	1.0290	1.0540	0.0405
L	6.0000	-	0.2362
M	5.7900	5.8900	0.2280
N	3.0000	3.1000	0.1181
Q	M7x0.75-6G		