

DATASHEET

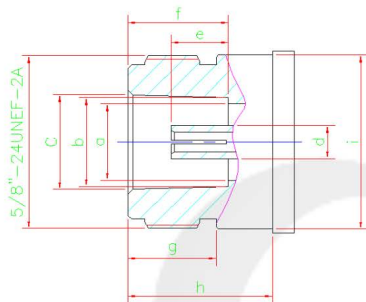
N PLUG-PLUG ADAPTER

AD1134



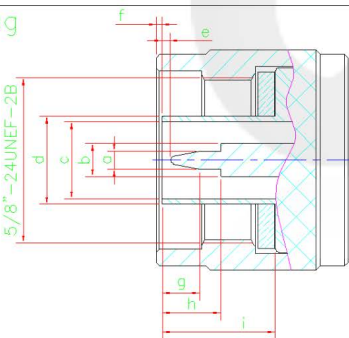
SERIES - N
CONNECTOR GENDER - PLUG
CONTACT GENDER - MALE
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CONNECTOR GENDER - PLUG
CONTACT GENDER - MALE
DESCRIPTION - ADAPTER
OUTLINE - STRAIGHT
IMPEDANCE - 50 OHM

Jack



	MM		Inch	
	Min	Max	Min	Max
a	—	7.06	—	0.278
b	8.027	8.13	0.316	0.320
c	8.53	8.74	0.336	0.344
d	3.02	3.15	0.119	0.124
e	4.75	5.26	0.187	0.207
f	9.05	9.19	0.356	0.362
g	6.76	—	0.266	—
h	10.72	—	0.422	—
i	—	15.93	—	0.627

Plug



	MM		Inch	
	Min	Max	Min	Max
a	1.60	1.676	0.063	0.066
b	3.02	3.15	0.119	0.124
c	7.00	7.06	0.276	0.278
d	7.98	8.04	0.314	0.317
e	0.0	1.57	0.0	0.062
f	0.41	1.52	0.016	0.060
g	2.79	3.56	0.110	0.140
h	5.33	—	0.210	—
i	9.25	—	0.364	—

Applications:
Cable Assembly
Antenna
W-LAN
Radio
GPS
Base Station
Aero
Radar
PCS
Surge Protection
Telecom
Instrumentation
Broadcast
Satcom
Instrumentation

N Connector is a threaded RF Connector used for linking with coaxial cable. It has both 50 Ohm and standard 75 Ohm impedances. N Connectors Applications Antennas, Base Stations, Broadcast, WLAN, Cable Assemblies, Cellular, Components test & Instrumentation equipments, Microwave Radio, MIL-Aero PCS, Radar, Radio equipments, Satcom, Surge Protection.

With the exception of the inner contacts, the interface dimensions of the 75 ohm connector have been traditionally identical to that of the 50 ohm connector. It has thus been possible unintentionally to cross couple connectors with the following effects:

(A) 75 ohm male pin - 50 ohm female pin: open circuit inner contact.

(B) 50 ohm male pin - 75 ohm female pin: mechanical destruction of 75 ohm inner socket contact.

Note: These characteristics are typical and may not apply to all connectors.