

CN-727

-40 dB Coupler, 698-2700MHz

Type N-Female to Type N-Male

- Allows for Non-Intrusive Testing
- Broadband 698-2700 MHz
- QMA Coupling Port • Suitable for Indoor or Outdoor Applications
- Verified - Every unit is PIM Tested



ELECTRICAL SPECIFICATIONS

Frequency Band, MHz	698-2700
Coupling, dB (± 2.0 dB) @ 740 MHz	-48.0
Coupling, dB (± 2.0 dB) @ 860 MHz	-46.5
Coupling, dB (± 2.0 dB) @ 880 MHz	-46.5
Coupling, dB (± 2.0 dB) @ 1700 MHz	-40.0
Coupling, dB (± 2.0 dB) @ 1960 MHz	-39.0
Coupling, dB (± 2.0 dB) @ 2130 MHz	-38.0
Coupling, dB (± 2.0 dB) @ 2360 MHz	-37.3
Coupling, dB (± 2.0 dB) @ 2550 MHz	-36.7
VSWR/Return Loss, dB, Maximum	1.15:1 / 23.0
Insertion Loss, dB, Maximum	0.2
Impedance, ohms	50
Maximum Power, CW (watts)	250
Intermodulation (2x20w), IM3, dBc, Maximum	-150

MECHANICAL SPECIFICATIONS

Dimensions, Length/Diameter (inches)	3.0 / 0.87, Excludes QMA
Connector Type	Type N-Female to Type N-Male
Coupling Connector Type	QMA Female
Coupling Cap Type	QMA male with metal weather seal
Mating Cycles, Minimum	500
Package Quantity	1

ENVIRONMENTAL SPECIFICATIONS

Temperature Range	-45°C to +85°C
Application	Suitable for indoor or outdoor with proper connections
2002/95/EC (RoHS)	Compliant

ORDER INFORMATION

MODEL	DESCRIPTION
CN-727	Coupler, N-Female to N-Male, -40dB QMA Female

Mechanical Outline Drawing