

# R2N-1.900-M01, N-Female, 0.698-2.700 GHz



## Description:

MECA's line of high-power capable (500 watts) R2N-1.900-M01 reactive RF power splitters covering wireless frequencies from 0.698 - 2.700 GHz. Available in 2-way configurations and fitted with N-Female connectors at all ports. Indoor or Outdoor use (IP67).

ELECTRICAL SPECIFICATIONS								
Frequency (GHz)	Insertion Loss (dB)		Amplitude Balance (dB)		Phase Balance (Degrees) (Max)	VSWR		Power (W)
	Typ	Max	Typ	Max		Typ	Max	
0.698 - 0.800	0.3	0.4	0.1	0.2	2	1.20:1	1.30:1	500
0.800 - 2.700	0.3	0.4	0.1	0.2	2	1.10:1	1.20:1	500

MECHANICAL SPECIFICATIONS	
CONNECTORS	Brass, Albaloy Plate
CONNECTOR PINS	Beryllium Copper, Gold Plate
CONNECTOR I. TORQUE	12 ± 1 in. lbs
HOUSING	Aluminum, RoSH Compliant Iridite
INSULATORS	PTFE Virgin Electrical Grade
O-RINGS	Silicone Rubber
INGRESS PROTECTION	IP67
TEMPERATURE	-55°C to +85°C
WEIGHT	10.7 oz

## Notes:

1. All units rated for maximum power with load VSWR of 1.20:1 or better.
2. All output/power combiner ports are in-phase (0° difference).
3. 50 ohm nominal impedance standard.
4. Operating temperature from -55°C to +85°C.