

TMPD2-00500400-50N

**0.5 to 4 GHz, 50W, N-Female
2-WAY POWER DIVIDER**

Electrical Characteristics

Frequency Range	500~4000MHz
Insertion Loss	1.0dB max
(excluding theoretical loss 3.0dB)	
Amplitude Balance	±0.2dB
Phase Balance	±3°
VSWR(input port)	1.11:1 typ, 1.35:1 max
VSWR(output ports)	1.10:1 typ, 1.25:1 max
Isolation	18dB min, 26dB typ
Impedance	50 Ohms
Power Handling	50W(as a splitter)
.....	2W(as a combiner)

Mechanical & Environmental Characteristics

Dimensions	66 × 79 × 20mm
RF Connectors	N-Female
Housing Material	Aluminum
Surface Finishing	Conductive Oxidation
Operating Temperature	-30°C~+75°C
Storage Temperature	-50°C~+105°C

Outline Drawing(mm[inch])

