

Product Catalog Divider

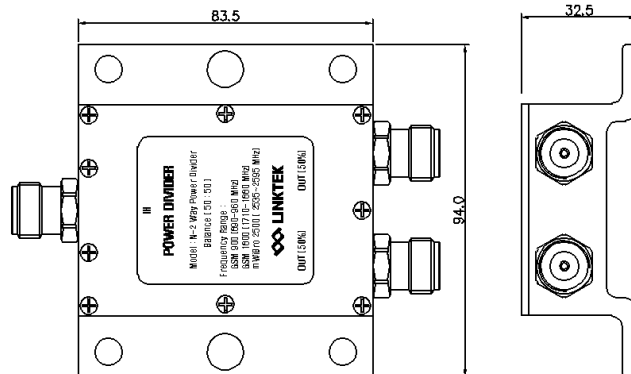


INDEX**Model Name**

- ◆ 2 Way Power Divider–Balance , 824 ~ 2655 MHz
- ◆ 2 Way Power Divider–Unbalance , 824 ~ 2655 MHz
- ◆ 3 Way Power Divider–Balance , 824 ~ 2655 MHz
- ◆ 3 Way Power Divider–Unbalance , 824 ~ 2655 MHz
- ◆ 4 Way Power Divider–Balance , 824 ~ 2655 MHz

Product Specifications

2 Way Power Divider-Balance , 824 ~ 2655 MHz LPDPM7712-01



CHARACTERISTICS

DIMENSION(Unit : mm)

General Specifications

Device Type	Divider
Interface	N Female

Electrical Specifications

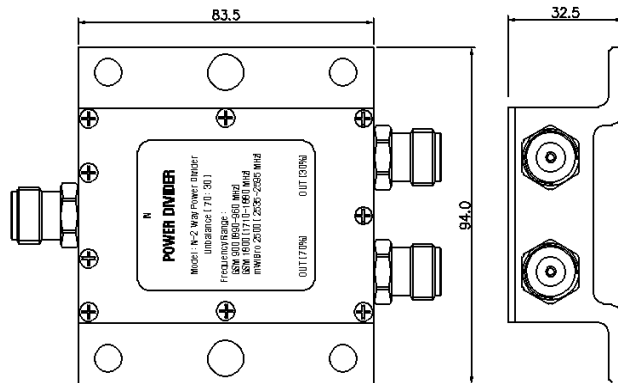
Operating Frequency Band	824~894, 1715~1870, 1885~2170 MHz 2300~2400, 2630~2655 MHz
Impedance	50 ohm
Return Loss	20.8 dB
VSWR	1.2 : 1
Split Loss, maximum	3.5 dB
3rd Order IMD	-140 dBc (relative to carrier)
3rd Order IMD Test Method	Two +37 dBm carriers
Average Power, maximum	10 W
Peak Power, maximum	1 kW
Power Rating, Combining	5 W
Reflected Power, maximum	10 W
Operating Temperature / Humidity	-30℃ to +60 °C / Up to 95%

Mechanical Specifications

Inner Contact Plating	Silver
Outer Contact Plating	SUCO
Ingress Protection Test Method	IEC 60529:2001, IP65

Product Specifications

2 Way Power Divider-Unbalance , 824 ~ 2655 MHz LPDPM7712-02



CHARACTERISTICS

DIMENSION(Unit : mm)

General Specifications

Device Type	Divider
Interface	N Female

Electrical Specifications

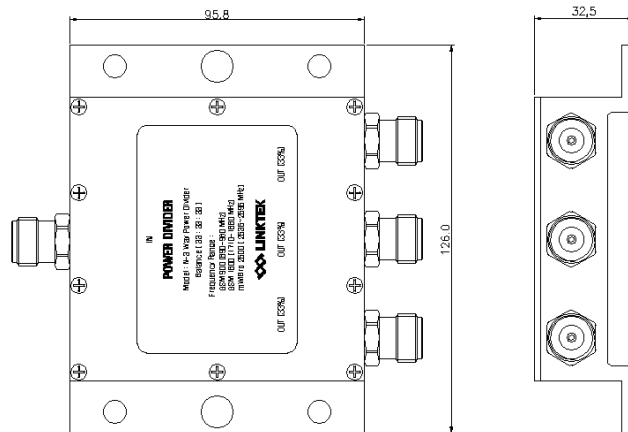
Operating Frequency Band	824~894, 1715~1870, 1885~2170 MHz 2300~2400, 2630~2655 MHz
Impedance	50 ohm
Return Loss	20.8 dB
VSWR	1.2 : 1
Split Loss, maximum	OUT 1 : 2.0 dB , OUT 2 : 6.0 dB
3rd Order IMD	-140 dBc (relative to carrier)
3rd Order IMD Test Method	Two +37 dBm carriers
Average Power, maximum	10 W
Peak Power, maximum	1 kW
Power Rating, Combining	5 W
Reflected Power, maximum	10 W
Operating Temperature / Humidity	-30℃ to +60 °C / Up to 95%

Mechanical Specifications

Inner Contact Plating	Silver
Outer Contact Plating	SUCO
Ingress Protection Test Method	IEC 60529:2001, IP65

Product Specifications

3 Way Power Divider-Balance , 824 ~ 2655 MHz LPDPM7713-02



CHARACTERISTICS

DIMENSION(Unit : mm)

General Specifications

Device Type	Divider
Interface	N Female

Electrical Specifications

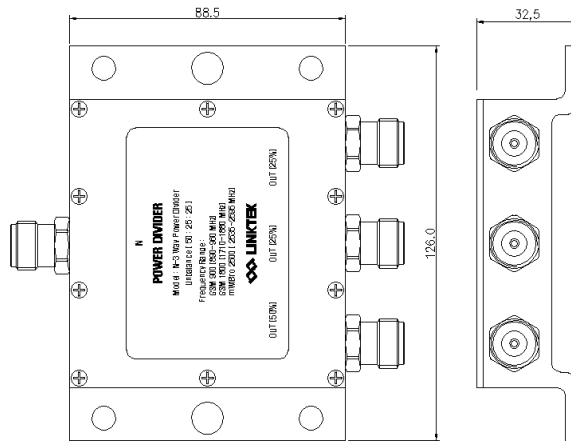
Operating Frequency Band	824~894, 1715~1870, 1885~2170 MHz 2300~2400, 2630~2655 MHz
Impedance	50 ohm
Return Loss	20.8 dB
VSWR	1.2 : 1
Split Loss, maximum	6.0 dB
3rd Order IMD	-140 dBc (relative to carrier)
3rd Order IMD Test Method	Two +37 dBm carriers
Average Power, maximum	10 W
Peak Power, maximum	1 kW
Power Rating, Combining	5 W
Reflected Power, maximum	10 W
Operating Temperature / Humidity	-30℃ to +60 °C / Up to 95%

Mechanical Specifications

Inner Contact Plating	Silver
Outer Contact Plating	SUCO
Ingress Protection Test Method	IEC 60529:2001, IP65

Product Specifications

3 Way Power Divider-Unbalance , 824 ~ 2655 MHz LPDPM7713-01



CHARACTERISTICS

DIMENSION(Unit : mm)

General Specifications

Device Type	Divider
Interface	N Female

Electrical Specifications

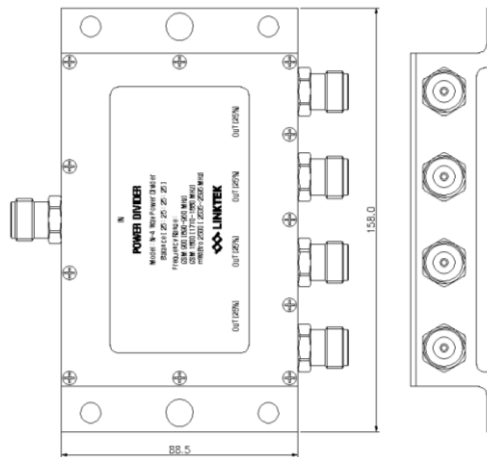
Operating Frequency Band	824~894, 1715~1870, 1885~2170 MHz 2300~2400, 2630~2655 MHz
Impedance	50 ohm
Return Loss	20.8 dB
VSWR	1.2 : 1
Split Loss, maximum	OUT 1 :3.7 dB , OUT 2,3 :7.0 dB
3rd Order IMD	-140 dBc (relative to carrier)
3rd Order IMD Test Method	Two +37 dBm carriers
Average Power, maximum	10 W
Peak Power, maximum	1 kW
Power Rating, Combining	5 W
Reflected Power, maximum	10 W
Operating Temperature / Humidity	-30℃ to +60 °C / Up to 95%

Mechanical Specifications

Inner Contact Plating	Silver
Outer Contact Plating	SUCO
Ingress Protection Test Method	IEC 60529:2001, IP65

Product Specifications

4 Way Power Divider-Balance , 824 ~ 2655 MHz LPDPM7714-01



CHARACTERISTICS

DIMENSION(Unit : mm)

General Specifications

Device Type	Divider
Interface	N Female

Electrical Specifications

Operating Frequency Band	824~894, 1715~1870, 1885~2170 MHz 2300~2400, 2630~2655 MHz
Impedance	50 ohm
Return Loss	20.8 dB
VSWR	1.2 : 1
Split Loss, maximum	7.0 dB
3rd Order IMD	-140 dBc (relative to carrier)
3rd Order IMD Test Method	Two +37 dBm carriers
Average Power, maximum	10 W
Peak Power, maximum	1 kW
Power Rating, Combining	5 W
Reflected Power, maximum	10 W
Operating Temperature / Humidity	-30℃ to +60 °C / Up to 95%

Mechanical Specifications

Inner Contact Plating	Silver
Outer Contact Plating	SUCO
Ingress Protection Test Method	IEC 60529:2001, IP65