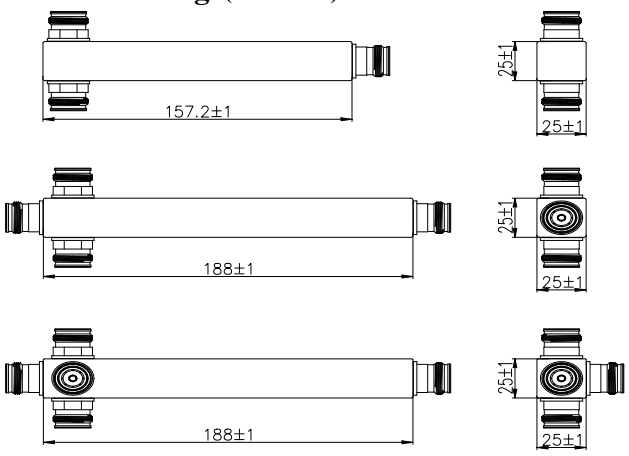
698-4200MHz Power Splitter 2/3/4 way

Key Features:

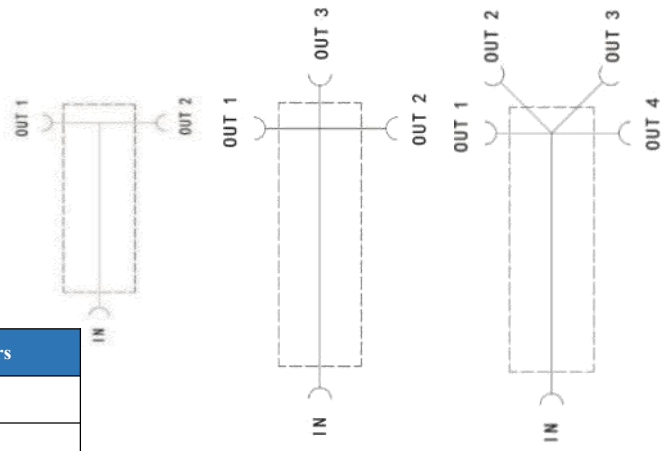
- Designed for superior signal distribution with low insertion loss, high isolation, low VSWR, and excellent low PIM performance.
- Covers a wide frequency range ideal for multi-band applications.
- Compact and space-saving design enables easy integration in complex systems.
- Rugged construction ensures long-term reliability in harsh environments (IP65 rated).
- Available in 2, 3, and 4-way configurations with high power handling up to 300 W average.
- Customizable options to meet diverse technical requirements.

Insertion Loss(dB)	2way≦3.0+±0.4	3way≦4.8+±0.5	4way≦6.0+±0.6
Freq (MHz)	698-3800		
Return loss	≤-19 dB		
Intermodulation (dBc)	≤-160dBc (with 2×43dBm)		
Impedance	50 Ω		
Input power	300 W(avg.)		
Operating temperature	-20°C to +65°C		
Storage temperature	-35 °C to +75 °C		
Relative humidity	5% - 95%		
Application	IP65		

Outline drawing (Unit: mm)



Schematic diagram



Model No.	Weight(kg)	Dimensions(mm)	Connectors
HT-PS-02-0638-43	0.3	157*25*25	4.3-10-Female
HT-PS-02-0638-N	0.3	157*25*25	N-Female
HT-PS-03-0638-43	0.38	157*25*25	4.3-10-Female
HT-PS-03-0638-N	0.38	157*25*25	N-Female
HT-PS-04-0638-43	0.42	157*25*25	4.3-10-Female
HT-PS-04-0638-N	0.42	157*25*25	N-Female

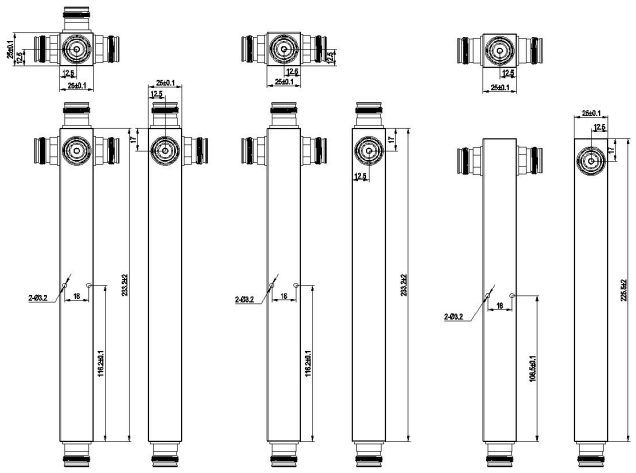
617-4200MHz Power Splitter 2/3/4 way

Key Features:

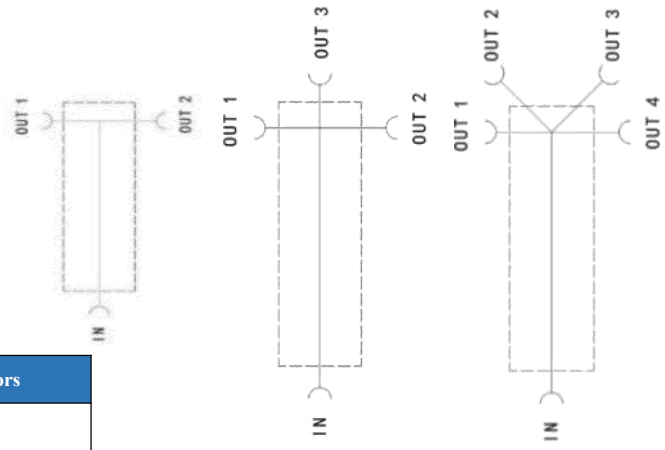
- Designed for superior signal distribution with low insertion loss, high isolation, low VSWR, and excellent low PIM performance.
- Covers a wide frequency range ideal for multi-band applications.
- Compact and space-saving design enables easy integration in complex systems.
- Rugged construction ensures long-term reliability in harsh environments (IP65 rated).
- Available in 2, 3, and 4-way configurations with high power handling up to 300 W average.
- Customizable options to meet diverse technical requirements.

Insertion Loss(dB)	2way≦3.0+±0.4	3way≦4.8+±0.5	4way≦6.0+±0.6
Freq (MHz)	617-4200		
Return loss	≤-19 dB		
Intermodulation (dBc)	≤-160dBc (with 2×43dBm)		
Impedance	50 Ω		
Input power	300 W(avg.)		
Operating temperature	-20° C to +65° C		
Storage temperature	-35 ° C to +75 ° C		
Relative humidity	5% - 95%		
Application	IP65		

Outline drawing (Unit: mm)



Schematic diagram



Model No.	Weight(kg)	Dimensions(mm)	Connectors
BR-PS-02-0642-43	0.3	157*25*25	4.3-10-Female
BR-PS-02-0642-N	0.3	157*25*25	N-Female
BR-PS-03-0642-43	0.38	157*25*25	4.3-10-Female
BR-PS-03-0642-N	0.38	157*25*25	N-Female
BR-PS-04-0642-43	0.42	157*25*25	4.3-10-Female
BR-PS-04-0642-N	0.42	157*25*25	N-Female

600-6000MHz Power Splitter 2/3/4 way

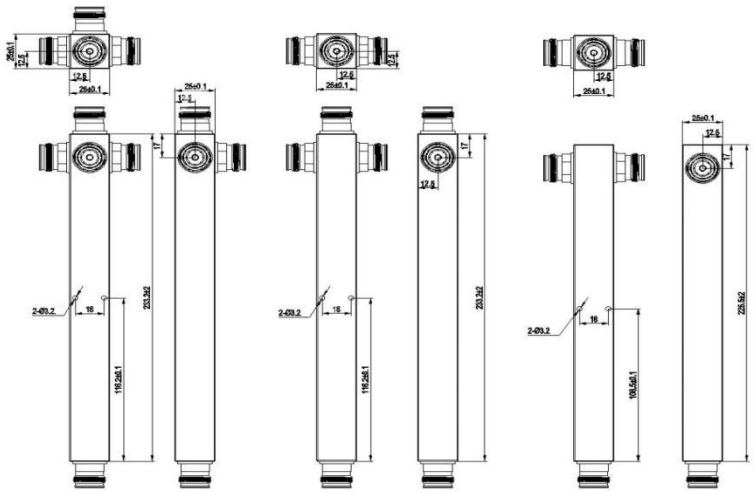
Key Features:

- Designed for superior signal distribution with low insertion loss, high isolation, low VSWR, and excellent low PIM performance.
- Covers a wide frequency range ideal for multi-band applications.
- Compact and space-saving design enables easy integration in complex systems.
- Rugged construction ensures long-term reliability in harsh environments (IP65 rated).
- Available in 2, 3, and 4-way configurations with high power handling up to 300 W average.
- Customizable options to meet diverse technical requirements.

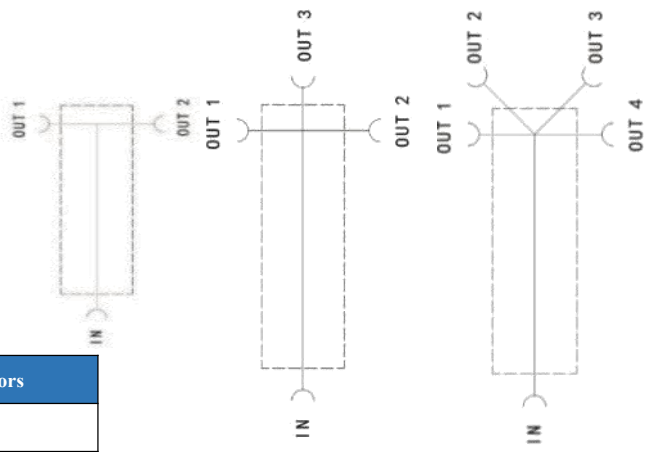
Product picture

Insertion Loss(dB)	2way≦3.0+±0.5	3way≦4.8+±0.7	4way≦6.0+±1.2
Freq (MHz)	600-6000		
Return loss	≤-18 dB		
Intermodulation (dBc)	≤-160dBc (with 2×43dBm)		
Impedance	50 Ω		
Input power	300 W(avg.)		
Operating temperature	-20°C to +65°C		
Storage temperature	-35 °C to +75 °C		
Relative humidity	5% - 95%		
Application	IP65		

Outline drawing (Unit: mm)



Schematic diagram



Model No.	Weight(kg)	Dimensions(mm)	Connectors
BR-PS-02-0660-43	0.3	225*25*25	4.3-10-Female
BR-PS-02-0660-N	0.3	225*25*25	N-Female
BR-PS-03-0660-43	0.38	233*25*25	4.3-10-Female
BR-PS-03-0660-N	0.38	233*25*25	N-Female
BR-PS-04-0660-43	0.42	233*25*25	4.3-10-Female
BR-PS-04-0660-N	0.42	233*25*25	N-Female

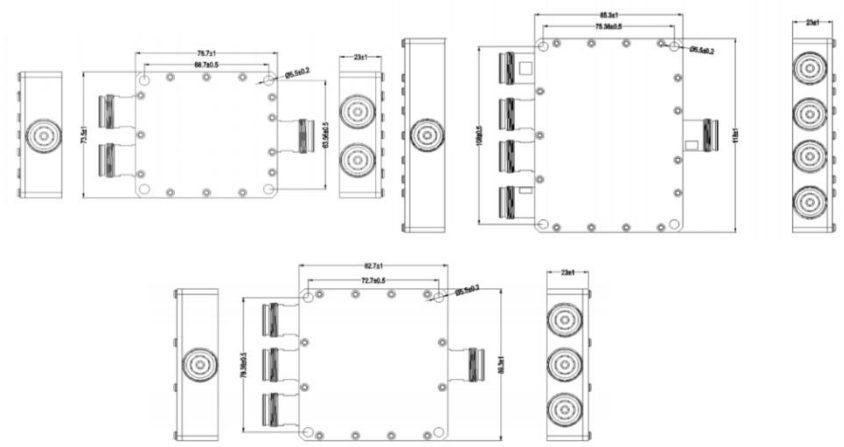
694-3800MHz 2/3/4 way Strip Line Power Splitter

Key Features:

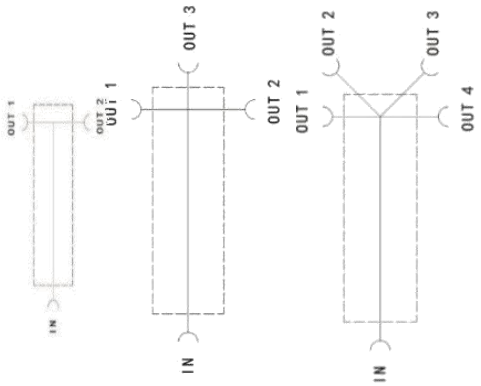
- Precision signal splitting with low loss and high isolation
- Wideband design suitable for multi-band RF applications
- Compact stripline structure for easy system integration
- Stable impedance and low VSWR for consistent performance
- Rugged, cost-effective build ideal for indoor installations

Insertion Loss(dB)	2way≦3.0±0.4	3way≦4.8±0.5	4way≦6.0±0.9
Freq (MHz)	694-3800		
Return loss	≤-18 dB		
Intermodulation (dBc)	≤-150dBc (with 2×43dBm)		
Impedance	50 Ω		
Input power	300 W(avg.)		
Operating temperature	-20°C to +65°C		
Storage temperature	-35 °C to +75 °C		
Relative humidity	5% - 95%		
Application	IP65		

Outline drawing (Unit: mm)



Schematic diagram



Model No.	Weight(kg)	Dimensions(mm)	Connectors
BR-PSD-02-0638-43	0.35	78.7*73.5*23	4.3-10-Female
BR-PSD-02-0638-N	0.35	78.7*73.5*23	N-Female
BR-PSD-03-0638-43	0.45	82.7*89*23	4.3-10-Female
BR-PSD-03-0638-N	0.45	82.7*89*23	N-Female
BR-PSD-04-0638-43	0.65	85.3*118*23	4.3-10-Female
BR-PSD-04-0638-N	0.65	85.3*118*23	N-Female

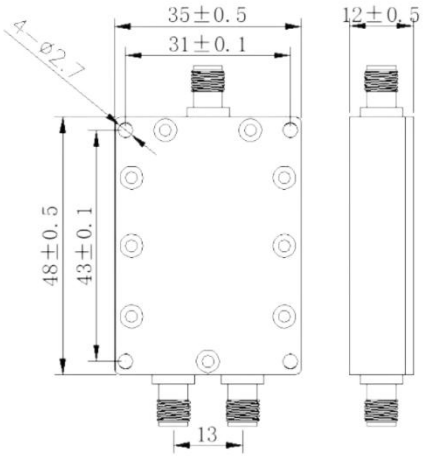
500-6000MHz 2 way Wilkinson Power Splitter

Key Features:

- Optimized for accurate signal splitting with minimal loss and excellent isolation
- Wideband performance suitable for multi-frequency applications
- Compact microstrip layout enables seamless PCB integration
- Robust and economical design for indoor use
- Ensures stable impedance and low VSWR for reliable operation

Frequency band	500-6000MHz
Insertion Loss(dB)	≦3.0±1.0
VSWR	≤1.3
Isolation(dB)	≥18
Impedance	50 Ω
Input power	20 W(avg.)
Operating temperature	-20° C to +65° C
Storage temperature	-35 ° C to +75 ° C
Relative humidity	5% - 95%
Application	IP60

Outline drawing (Unit: mm)



Schematic diagram

Model No.	Weight(kg)	Dimensions(mm)	Connectors
BR-WPS-02-0560-S	0.25	48*35*12	SMA- Female

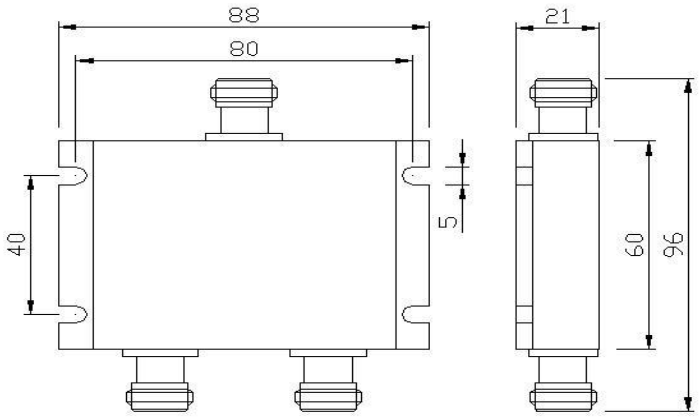
136-174MHz 2 way Wilkinson Power Splitter

Key Features:

- Optimized for precise signal distribution with low insertion loss and high isolation
- Ideal for VHF band applications with consistent performance
- Compact microstrip design for easy PCB integration
- Durable and cost-effective solution for indoor environments
- Reliable performance with stable impedance and low VSWR

Frequency band	136-174MHz
Insertion Loss(dB)	≦3.0±0.5
VSWR	≤1.3
Isolation(dB)	≥18
Impedance	50 Ω
Input power	50 W(avg.)
Operating temperature	-20° C to +65° C
Storage temperature	-35 ° C to +75 ° C
Relative humidity	5% - 95%
Application	IP60

Outline drawing (Unit: mm)



Model No.	Weight(kg)	Dimensions(mm)	Connectors
BR-WPS-02-VHF-N	0.3	88*60*21	N-Female
BR-WPS-02-VHF-S	0.3	88*60*21	SMA- Female

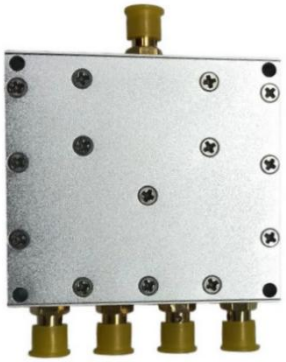
Schematic diagram

6000-18000MHz 4 way Wilkinson Power Splitter

Key Features:

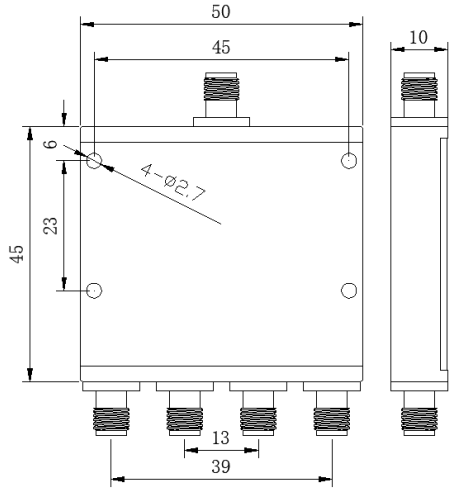
- Optimized for accurate signal splitting with minimal loss and excellent isolation
- Wideband performance suitable for multi-frequency applications
- Compact microstrip layout enables seamless PCB integration
- Robust and economical design for indoor use
- Ensures stable impedance and low VSWR for reliable operation

Product picture

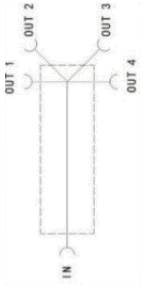


Frequency band	6000-18000 MHz
Insertion Loss(dB)	≦5.0±1.0
VSWR	≤1.5
Isolation(dB)	≥17
Impedance	50 Ω
Input power	20 W(avg.)
Operating temperature	-20° C to +65° C
Storage temperature	-35 ° C to +75 ° C
Relative humidity	5% - 95%
Application	IP60

Outline drawing (Unit: mm)



Schematic diagram



Model No.	Weight(kg)	Dimensions(mm)	Connectors
BR-WPS-04-60180-S	0.25	88*60*21	SMA- Female