

APS-xx-WBS-LP-NF-CC

Power Splitter | 380-2700 MHz | N-Female | Square Body



This model is available in iBwave Designer Version 6.0 and higher

ORDERING OPTIONS	2-WAY SPLITTER	3-WAY SPLITTER	4-WAY SPLITTER
MODEL NUMBER (xx)	APS-02-WBS-LP-NF-CC	APS-03-WBS-LP-NF-CC	APS-04-WBS-LP-NF-CC
			

**ELECTRICAL CHARACTERISTICS**

FREQUENCY RANGE	380-2700 MHz	380-2700 MHz	380-2700 MHz
INSERTION LOSS	≤ 0.22 dB	≤ 0.3 dB	≤ 0.4 dB
SPLIT LOSS	3 dB	4.8 dB	6 dB
VSWR	≤ 1.25	≤ 1.30	≤ 1.30
AVERAGE POWER (Max.)	300 W	300 W	300 W
PEAK POWER (Max.)	1.5 kW	1.5 kW	1.5 kW
PIM3 (2x43 dBm)	≤ -153 dBc	≤ -153 dBc	≤ -153 dBc
IMPEDANCE	50 Ω	50 Ω	50 Ω

**MECHANICAL CHARACTERISTICS**

PLATING	INNER CONTACT	Silver	Silver	Silver
	OUTER TRIMETAL	Trimetal	Trimetal	Trimetal
CONNECTOR	N-Female		N-Female	N-Female
COLOR	Black		Black	Black
WEIGHT (Approx.)	0.48 kg [1.06 lb.]		0.64 kg [1.41 lb.]	0.73 kg [1.61 lb.]
MOUNTING	ø3.2 mm [0.13 in.] (four holes)		ø3.2 mm [0.13 in.] (four holes)	ø3.2 mm [0.13 in.] (four holes)

**ENVIRONMENTAL CHARACTERISTIC**

OPERATING TEMPERATURE	-35° C to +70° C [-31° F to +158° F]	-35° C to +70° C [-31° F to +158° F]	-35° C to +70° C [-31° F to +158° F]
RELATIVE HUMIDITY	Up to 95%		Up to 95%
RoHS COMPLIANT	Yes		Yes
APPLICATION	Indoor / Outdoor		Indoor / Outdoor
IP RATING	IP 65		IP 65

Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.

APS-xx-WBM-LP-DF-CC

Power Splitter | 698-2700 MHz | 7/16-DIN-Female | Square Body



This model is available in iBwave Designer Version 6.0 and higher

ORDERING OPTIONS	2-WAY SPLITTER	3-WAY SPLITTER	4-WAY SPLITTER
MODEL NUMBER (xx)	APS-02-WBM-LP-DF-CC	APS-03-WBM-LP-DF-CC	APS-04-WBM-LP-DF-CC
			

**ELECTRICAL CHARACTERISTICS**

FREQUENCY RANGE	698-2700 MHz	698-2700 MHz	698-2700 MHz
INSERTION LOSS	≤ 0.2 dB	≤ 0.3 dB	≤ 0.4 dB
SPLIT LOSS	3 dB	4.8 dB	6 dB
VSWR	≤ 1.20	≤ 1.25	≤ 1.30
AVERAGE POWER (Max.)	500 W	500 W	500 W
PEAK POWER (Max.)	1.5 kW	1.5 kW	1.5 kW
PIM3 (2x43 dBm)	≤ -153 dBc	≤ -153 dBc	≤ -153 dBc
IMPEDANCE	50 Ω	50 Ω	50 Ω

**MECHANICAL CHARACTERISTICS**

PLATING	INNER CONTACT	Silver	Silver	Silver
	OUTER TRIMTAL	Trimetal	Trimetal	Trimetal
CONNECTOR	7/16-DIN-Female	7/16-DIN-Female	7/16-DIN-Female	
COLOR	Black	Black	Black	
WEIGHT (Approx.)	0.92 kg [2.03 lb.]	1.01 kg [2.23 lb.]	1.07 kg [2.36 lb.]	
MOUNTING	ø4.5 mm [0.18 in. ] (four holes)	ø4.5 mm [0.18 in. ] (four holes)	ø4.5 mm [0.18 in. ] (four holes)	

**ENVIRONMENTAL CHARACTERISTIC**

OPERATING TEMPERATURE	-35° C to +70° C [-31° F to +158° F]	-35° C to +70° C [-31° F to +158° F]	-35° C to +70° C [-31° F to +158° F]
RELATIVE HUMIDITY	Up to 95%	Up to 95%	Up to 95%
RoHS COMPLIANT	Yes	Yes	Yes
APPLICATION	Indoor / Outdoor	Indoor / Outdoor	Indoor / Outdoor
IP RATING	IP 65	IP 65	IP 65

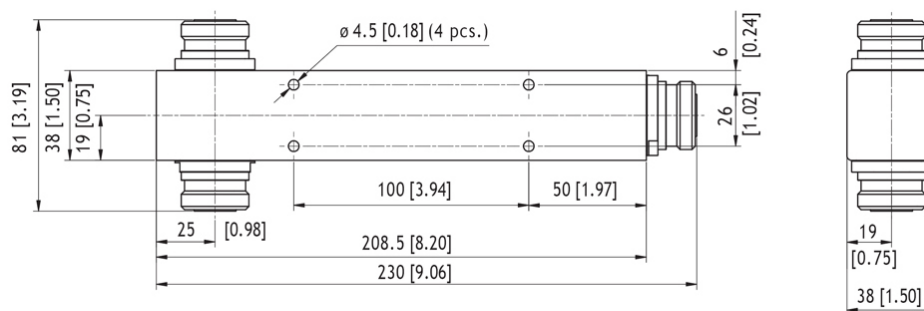
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APS-xx-WBM-LP-DF-CC

Power Splitter | 698-2700 MHz | 7/16-DIN-Female | Square Body

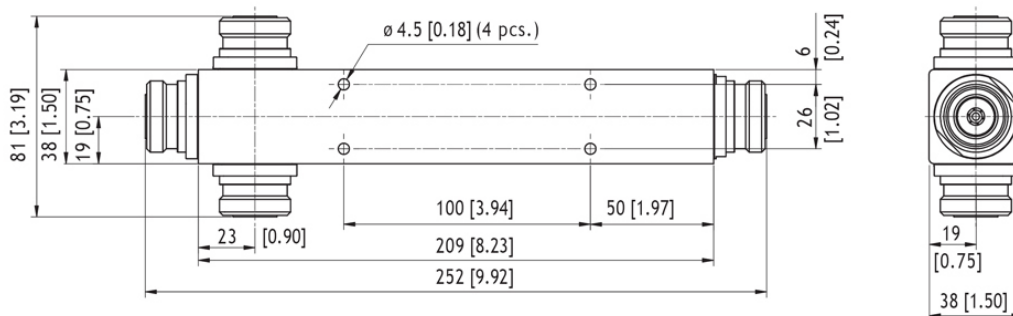
DIMENSIONAL DRAWINGS

APS-02-WBM-LP-DF-CC



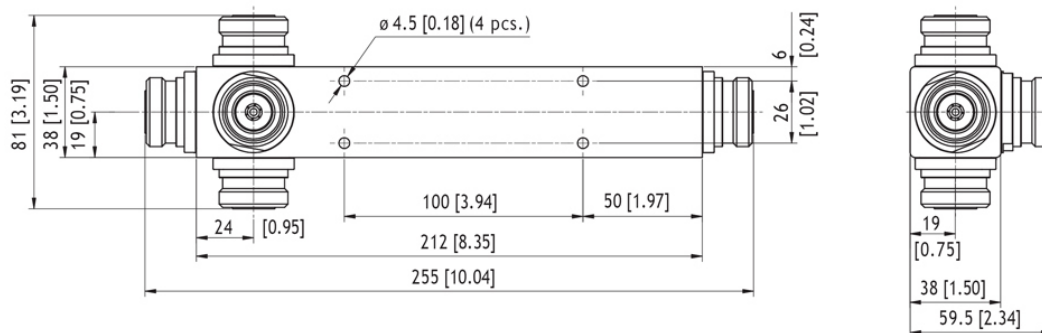
All dimensions are given in mm [in.]

APS-03-WBM-LP-DF-CC



All dimensions are given in mm [in.]

APS-04-WBM-LP-DF-CC



All dimensions are given in mm [in.]




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APS-xx-WBM-LP-NF-CC

Power Splitter | 698-2700 MHz | N-Female | Square Body



This model is available in iBwave Designer Version 6.0 and higher

ORDERING OPTIONS		2-WAY SPLITTER	3-WAY SPLITTER	4-WAY SPLITTER
MODEL NUMBER (xx)		APS-02-WBM-LP-NF-CC	APS-03-WBM-LP-NF-CC	APS-04-WBM-LP-NF-CC
				
ELECTRICAL CHARACTERISTICS				
FREQUENCY RANGE		698-2700 MHz	698-2700 MHz	698-2700 MHz
INSERTION LOSS		≤ 0.2 dB	≤ 0.3 dB	≤ 0.4 dB
SPLIT LOSS		3 dB	4.8 dB	6 dB
VSWR		≤ 1.20	≤ 1.25	≤ 1.30
AVERAGE POWER (Max.)		300 W	300 W	300 W
PEAK POWER (Max.)		1.0 kW	1.0 kW	1.0 kW
PIM3 (2x43 dBm)		≤ -153 dBc	≤ -153 dBc	≤ -153 dBc
IMPEDANCE		50 Ω	50 Ω	50 Ω
MECHANICAL CHARACTERISTICS				
PLATING	INNER CONTACT	Silver	Silver	Silver
	OUTER TRIMTAL	Trimetal	Trimetal	Trimetal
CONNECTOR		N-Female	N-Female	N-Female
COLOR		Black	Black	Black
WEIGHT (Approx.)		0.34 kg [0.75 lb.]	0.38 kg [0.84 lb.]	0.42 kg [0.93 lb.]
MOUNTING		ø3.2 mm [0.13 in.] (two holes)	ø3.2 mm [0.13 in.] (two holes)	ø3.2 mm [0.13 in.] (two holes)
ENVIRONMENTAL CHARACTERISTIC				
OPERATING TEMPERATURE		-35° C to +70° C [-31° F to +158° F]	-35° C to +70° C [-31° F to +158° F]	-35° C to +70° C [-31° F to +158° F]
RELATIVE HUMIDITY		Up to 95%	Up to 95%	Up to 95%
RoHS COMPLIANT		Yes	Yes	Yes
APPLICATION		Indoor / Outdoor	Indoor / Outdoor	Indoor / Outdoor
IP RATING		IP 65	IP 65	IP 65

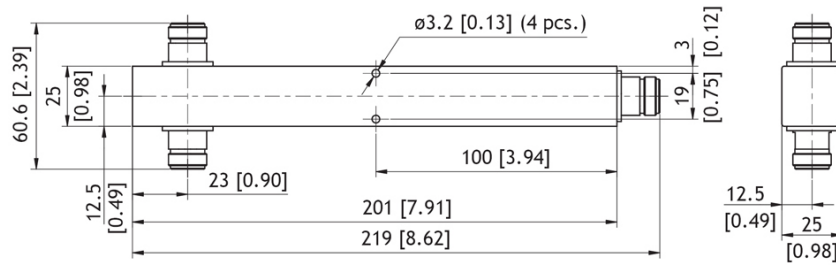
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APS-xx-WBM-LP-NF-CC

Power Splitter | 698-2700 MHz | N-Female | Square Body

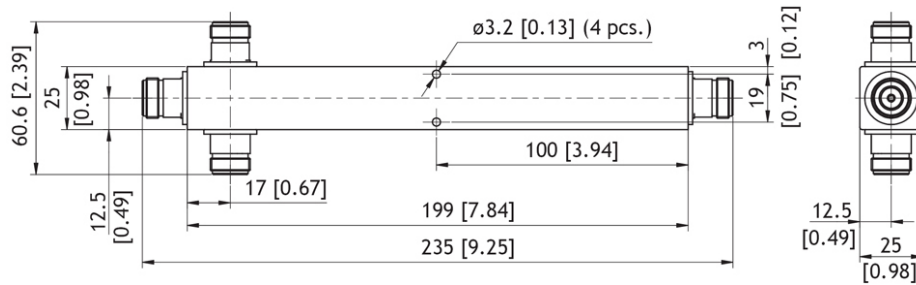
DIMENSIONAL DRAWINGS

APS-02-WBM-LP-NF-CC



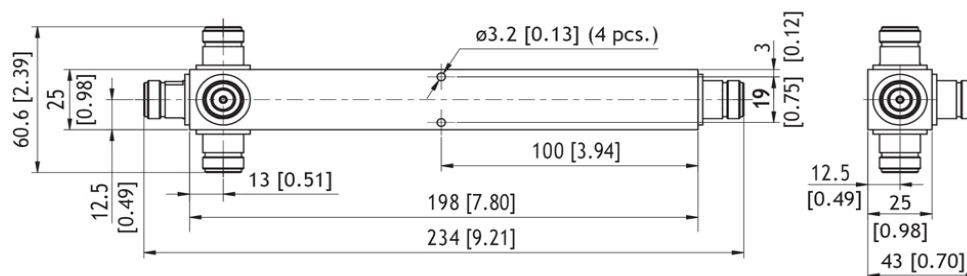
All dimensions are given in mm [in.]

APS-03-WBM-LP-NF-CC



All dimensions are given in mm [in.]

APS-04-WBM-LP-NF-CC



All dimensions are given in mm [in.]




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APS-xx-WBS-LP-43F-CC

Power Splitter | 380-2700 MHz | 4.3-10-Female | Square Body



This model is available in iBwave Designer Version 6.0 and higher

ORDERING OPTIONS		2-WAY SPLITTER	3-WAY SPLITTER	4-WAY SPLITTER
MODEL NUMBER (xx)		APS-02-WBS-LP-43F-CC	APS-03-WBS-LP-43F-CC	APS-04-WBS-LP-43F-CC
				
ELECTRICAL CHARACTERISTICS				
FREQUENCY RANGE		380-2700 MHz	380-2700 MHz	380-2700 MHz
INSERTION LOSS		≤ 0.22 dB	≤ 0.3 dB	≤ 0.4 dB
SPLIT LOSS		3 dB	4.8 dB	6 dB
VSWR		≤ 1.25	≤ 1.30	≤ 1.30
AVERAGE POWER (Max.)		400 W	400 W	400 W
PEAK POWER (Max.)		1.5 kW	1.5 kW	1.5 kW
PIM3 (2x43 dBm)		≤ -153 dBc	≤ -153 dBc	≤ -153 dBc
IMPEDANCE		50 Ω	50 Ω	50 Ω
MECHANICAL CHARACTERISTICS				
PLATING	INNER CONTACT	Silver	Silver	Silver
	OUTER TRIMETAL	Trimetal	Trimetal	Trimetal
CONNECTOR		4.3-10-Female	4.3-10-Female	4.3-10-Female
COLOR		Black	Black	Black
WEIGHT (Approx.)		0.49 kg [1.08 lb.]	0.66 kg [1.46 lb.]	0.76 kg [1.68 lb.]
MOUNTING		ø3.2 mm [0.13 in.] (four holes)	ø3.2 mm [0.13 in.] (four holes)	ø3.2 mm [0.13 in.] (four holes)
ENVIRONMENTAL CHARACTERISTIC				
OPERATING TEMPERATURE		-35° C to +70° C [-31° F to +158° F]	-35° C to +70° C [-31° F to +158° F]	-35° C to +70° C [-31° F to +158° F]
RELATIVE HUMIDITY		Up to 95%	Up to 95%	Up to 95%
RoHS COMPLIANT		Yes	Yes	Yes
APPLICATION		Indoor / Outdoor	Indoor / Outdoor	Indoor / Outdoor
IP RATING		IP 65	IP 65	IP 65

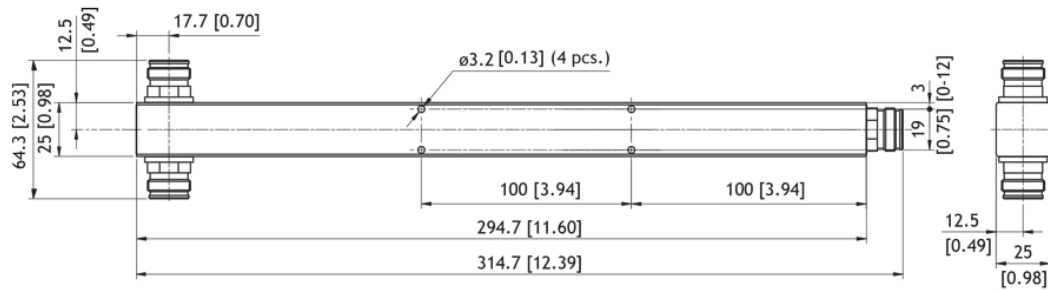
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APS-xx-WBS-LP-43F-CC

Power Splitter | 380-2700 MHz | 4.3-10-Female | Square Body

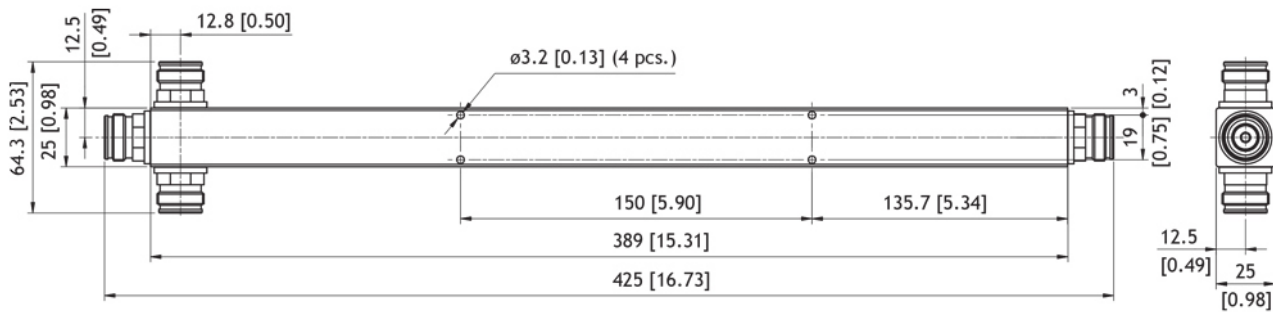
DIMENSIONAL DRAWINGS

APS-02-WBS-LP-43F-CC



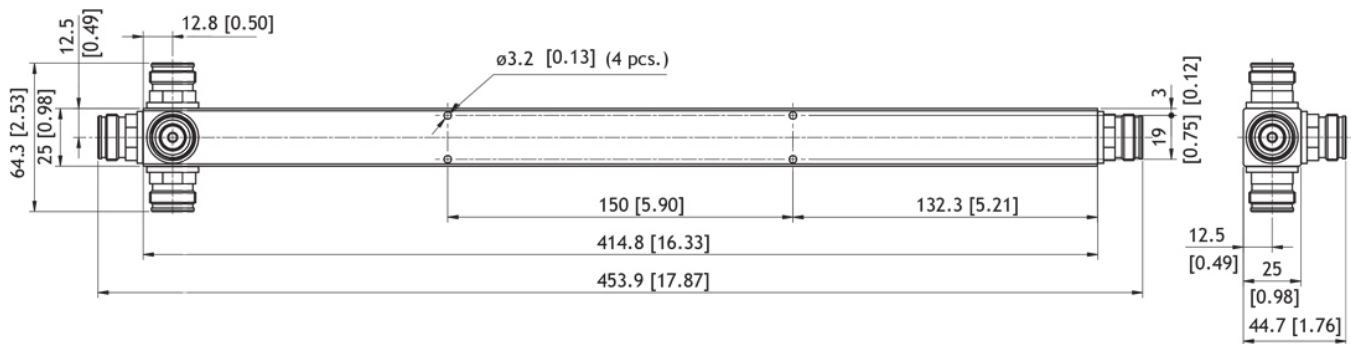
All dimensions are given in mm [in.]

APS-03-WBS-LP-43F-CC



All dimensions are given in mm [in.]

APS-04-WBS-LP-43F-CC



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APS-xx-WBS-LP-DF-CC

Power Splitter | 380-2700 MHz | 7/16-DIN Female | Square Body



This model is available in iBwave Designer Version 6.0 and higher

ORDERING OPTIONS	2-WAY SPLITTER	3-WAY SPLITTER	4-WAY SPLITTER
MODEL NUMBER (xx)	APS-02-WBS-LP-DF-CC	APS-03-WBS-LP-DF-CC	APS-04-WBS-LP-DF-CC
			

**ELECTRICAL CHARACTERISTICS**

FREQUENCY RANGE	380-2700 MHz	380-2700 MHz	380-2700 MHz
INSERTION LOSS	≤ 0.22 dB	≤ 0.3 dB	≤ 0.4 dB
SPLIT LOSS	3 dB	4.8 dB	6 dB
VSWR	≤ 1.25	≤ 1.25	≤ 1.3
AVERAGE POWER (Max.)	500 W	500 W	500 W
PEAK POWER (Max.)	1.5 kW	1.5 kW	1.5 kW
PIM3 (2x43 dBm)	≤ -153 dBc	≤ -153 dBc	≤ -153 dBc
IMPEDANCE	50 Ω	50 Ω	50 Ω

**MECHANICAL CHARACTERISTICS**

PLATING	INNER CONTACT	Silver	Silver	Silver
	OUTER TRIMETAL	Trimetal	Trimetal	Trimetal
CONNECTOR	7/16-DIN-Female	7/16-DIN-Female	7/16-DIN-Female	
COLOR	Black	Black	Black	
WEIGHT (Approx.)	1.3 kg [2.91 lb.]	1.74 kg [3.85 lb.]	1.93 kg [4.27 lb.]	
MOUNTING	ø4.5 mm [0.18 in.] (four holes)	ø4.5 mm [0.18 in.] (four holes)	ø4.5 mm [0.18 in.] (four holes)	

**ENVIRONMENTAL CHARACTERISTIC**

OPERATING TEMPERATURE	-35° C to +70° C [-31° F to +158° F]	-35° C to +70° C [-31° F to +158° F]	-35° C to +70° C [-31° F to +158° F]
RELATIVE HUMIDITY	Up to 95%	Up to 95%	Up to 95%
RoHS COMPLIANT	Yes	Yes	Yes
APPLICATION	Indoor / Outdoor	Indoor / Outdoor	Indoor / Outdoor
IP RATING	IP 65	IP 65	IP 65

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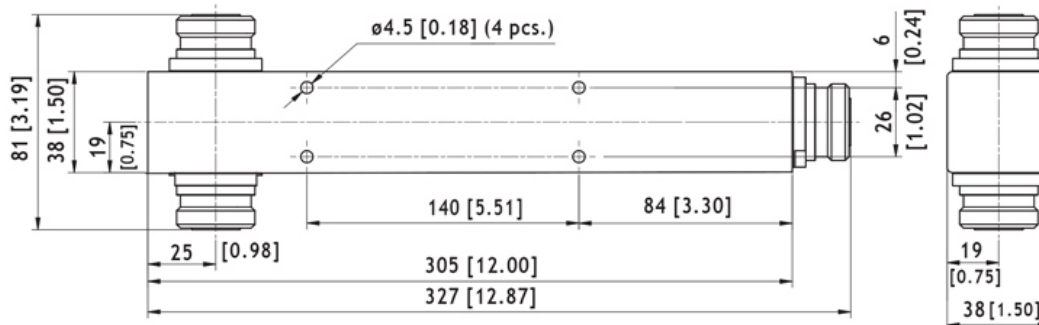


APS-xx-WBS-LP-DF-CC

Power Splitter | 380-2700 MHz | 7/16-DIN Female | Square Body

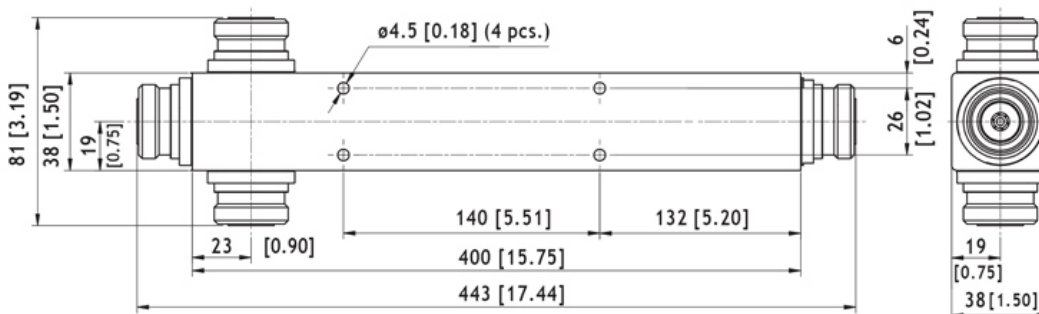
DIMENSIONAL DRAWINGS

APS-02-WBS-LP-DF-CC



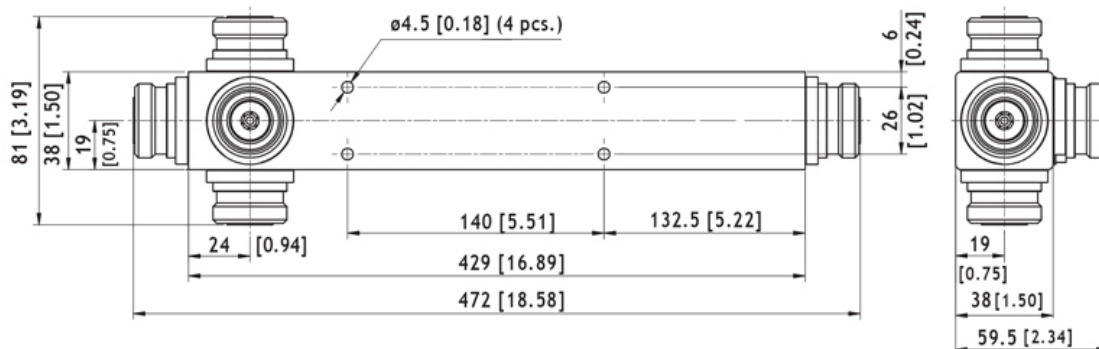
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APS-03-WBS-LP-DF-CC



All dimensions are given in mm [in.]

APS-04-WBS-LP-DF-CC



All dimensions are given in mm [in.]

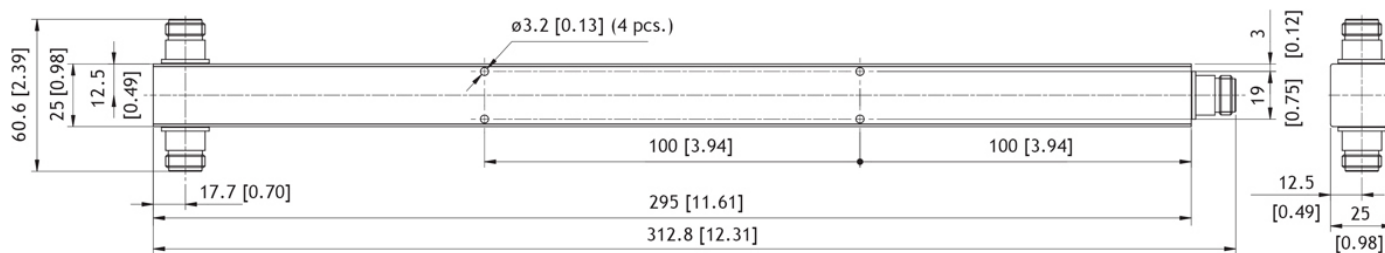
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APS-xx-WBS-LP-NF-CC

Power Splitter | 380-2700 MHz | N-Female | Square Body

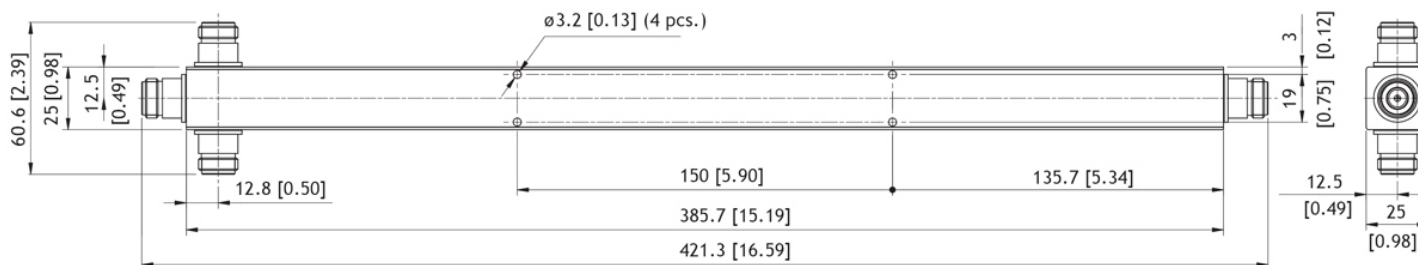
DIMENSIONAL DRAWINGS

APS-02-WBS-LP-NF-CC



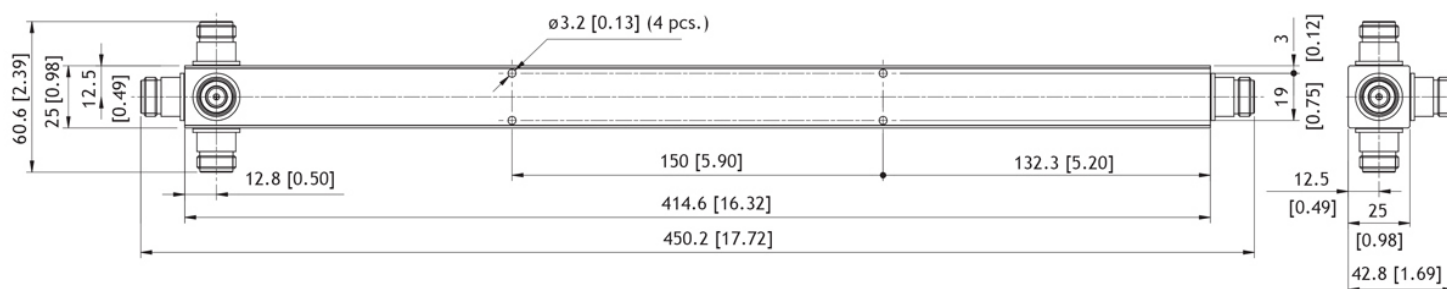
All dimensions are given in mm [in.]

APS-03-WBS-LP-NF-CC



All dimensions are given in mm [in.]

APS-04-WBS-LP-NF-CC



All dimensions are given in mm [in.]

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