

Passive Wilkinson Splitters for GNSS

SS-X-PG

SS-X-PG series are passive signal splitters for GNSS signal feeding. The splitters make it possible to use a single GPS referencing antenna and cable arrangement to synchronize multiple systems. One signal output supports DC voltage supply and other outputs block DC pass.

- 1100-1700MHz wide frequency range for GNSS signal splitting
- 2/4/8-Way Splitters
- DC Pass Feed for Active GPS Antenna
- Low Insertion Loss & High Port Isolation
- IP67 Outdoor
- N Female
- ROHS Compliant



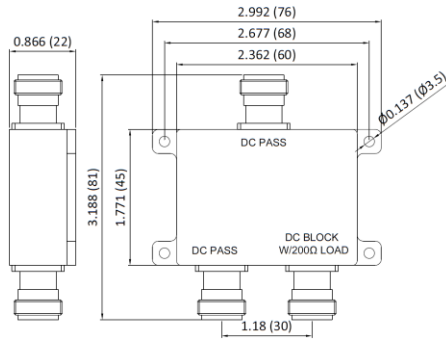
Parameter	Specifications		
Splitter Type	2-Way	4-Way	8-Way
Model	SS-2-PG	SS-4-PG	SS-8-PG
Frequency Range [MHz]	1100-1700		
Insertion Loss [dB]	3.5	6.8	10.0
Return Loss [dB]	19	19	19
Output Isolation [dB]	25	23	23
Amplitude Balance[dB]	0.3	0.3	0.4
DC Pass	3 ~ 10 VDC Feed: Port 1 Only (All other output ports: DC terminated using 200Ω)		
Power Rating [W]	1		
IP Rating	IP67		
Operating Temp. [°F]	-40 to +185		
RF Connector	N Female		
Size (W x H x D)	2.36" x 1.77" x 0.87"	4.88" x 2.36" x 0.87"	9.76" x 3.15" x 0.87"
Weight [lb]	0.5	0.9	1.8

* Specifications are subject to change without prior notification.

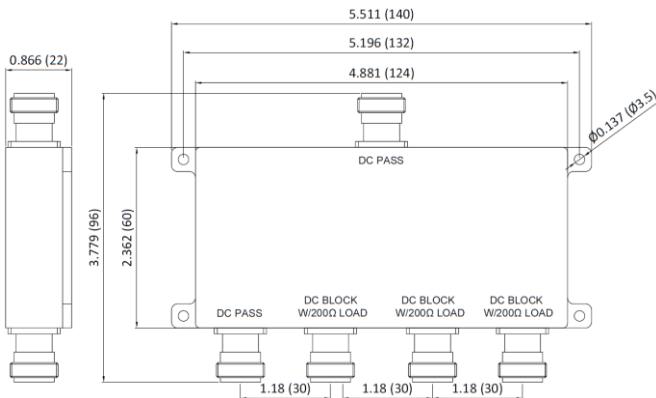
Rev.1

Mechanical Drawing

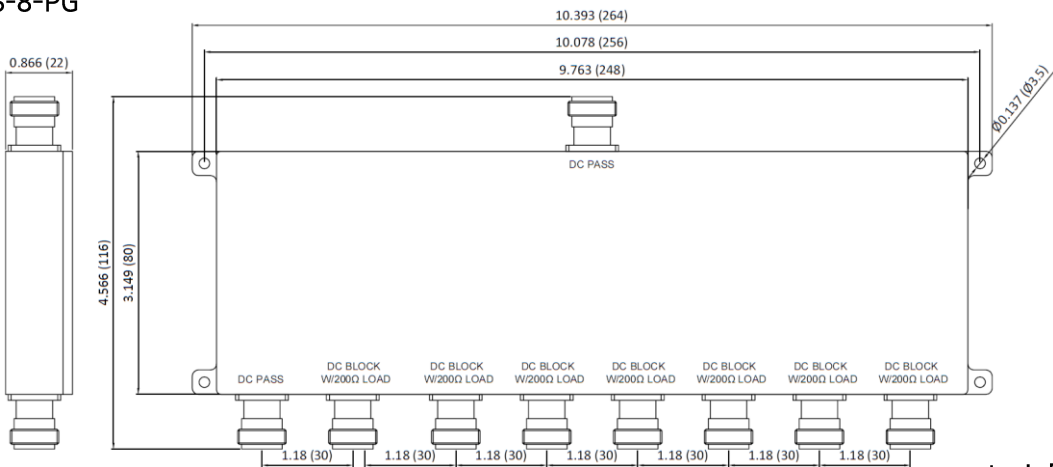
SS-2-PG



SS-4-PG



SS-8-PG



Inch [mm]