

Power Splitters

Lc Splitter / Combiner In-Phase 0 deg.

Style No.	Frequency Range [MHz]	In-Phase Outputs	Case No.	Insertion Loss [dB]	Power Balance max. [dB]	VSWR max.	Isolation min. [dB]	Input Power max. [W]	Pin No.	
									IN	OUT
SPL0111	10~450	2 way	01	+1.2 -0	0.5	1.4	25	1	①	②③
SPL1131	10~700	2 way	11	+1.2 -0	0.5	1.5	20	1	②	①③
SPL0141	45~1000	2 way	01	+2.0 -0	0.5	2.0 Typ.	18	1	②	①③
SPL1141	45~1000	2 way	11	+2.0 -0	0.5	2.0 Typ.	18	1	②	①③
SPL2141	45~1000	2 way	21	+2.0 -0	0.5	2.0 Typ.	18	1	②	①③
SPL4141	45~1000	2 way	41	+2.0 -0	0.5	2.0 Typ.	18	1	②	①③

- Operating Temp. : -20 ~ +60 C
- Other Pins : GND

Lc Splitter / Combiner In-Phase 90 deg.

Style No.	Frequency Range [MHz]	In-Phase Outputs	Case No.	Insertion Loss [dB]	Power Balance max. [dB]	VSWR max.	Phase Balance	Isolation min. [dB]	Input Power max. [W]
QPH0221	50~90	2 way	02	+1.0 -0.5	1.0	1.2	±3	20	1
QPH0222	80~120	2 way	02	+1.0 -0.5	1.0	1.3	±3	18	1
QPH0223	120~220	2 way	02	+1.0 -0.5	1.5	1.5	±4	15	1
QPH0224	200~400	2 way	02	+1.0 -0.5	1.5	1.3	±4	20	1
QPH9131	500~900	2 way	91	+1.0 -0.5	1.0	1.2	±2	20	100
QPH9132	800~1000	2 way	91	+0.6 -0.3	0.6	1.2	±2	20	100
QPH9151	1300~2300	2 way	91	+1.0 -0.5	1.0	1.2	±2	20	50

- Operating Temp. : -20 ~ +60 C
- Pin No. IN : ① OUT : ②, ⑤ 50 Ω Termination : ⑥
- Other Pins : GND

R Splitter In-Phase 0 deg.

Style No.	Frequency Range [MHz]	In-Phase Outputs	Case No.	Insertion Loss [dB]	Power Balance max. [dB]	VSWR max.	Input Power max. [W]	Pin No.	
								IN	OUT
SPL1192	DC~3000	2 way	11	6.0±0.5	0.5	1.2	1	②	①③
SPL2192	DC~3000	2 way	21	6.0±0.5	0.5	1.2	1	②	①③
SPL2391	DC~3000	3 way	23	9.5±1.0	1.0	1.3	1	Symmetry	
SPL2491	DC~3000	4 way	24	12.0±1.0	1.0	1.3	1		
SPL2591	DC~3000	5 way	25	14.0±1.5	1.0	1.3	1		
SPL4192	DC~3000	2 way	41	6.0±0.5	0.5	1.2	1	②	①③
SPL2191	DC~4000	2 way	21	6.0±0.5	0.5	1.3	1	②	①③
SPL1191	DC~6000	2 way	11	6.0±0.5	0.5	1.3	1	②	①③
SPL1291	DC~15000	2 way	12	6.0±1.0	0.5	1.3	0.5	②	①③

Directional Coupler

Style No.	Frequency Range [MHz]	Case No.	Coupling [dB]	Insertion Loss [dB]	VSWR max.	Isolation min. [dB]	Zo	Input Power max. [W]	Pin No.		
									IN	CPL	OUT
DCP0211	15~500	02	10.5±1	1.5	1.3	25	50Ω	1	①	③	④
DCP0221	15~500	02	20.0±1	1.0	1.3	25	50Ω	1	①	③	④

- Operating Temp. : -20 ~ +60 C
- Other Pins : GND

⚠ Specifications of products are subject to change without notice.



Surface Mount Power Splitter/Combiner

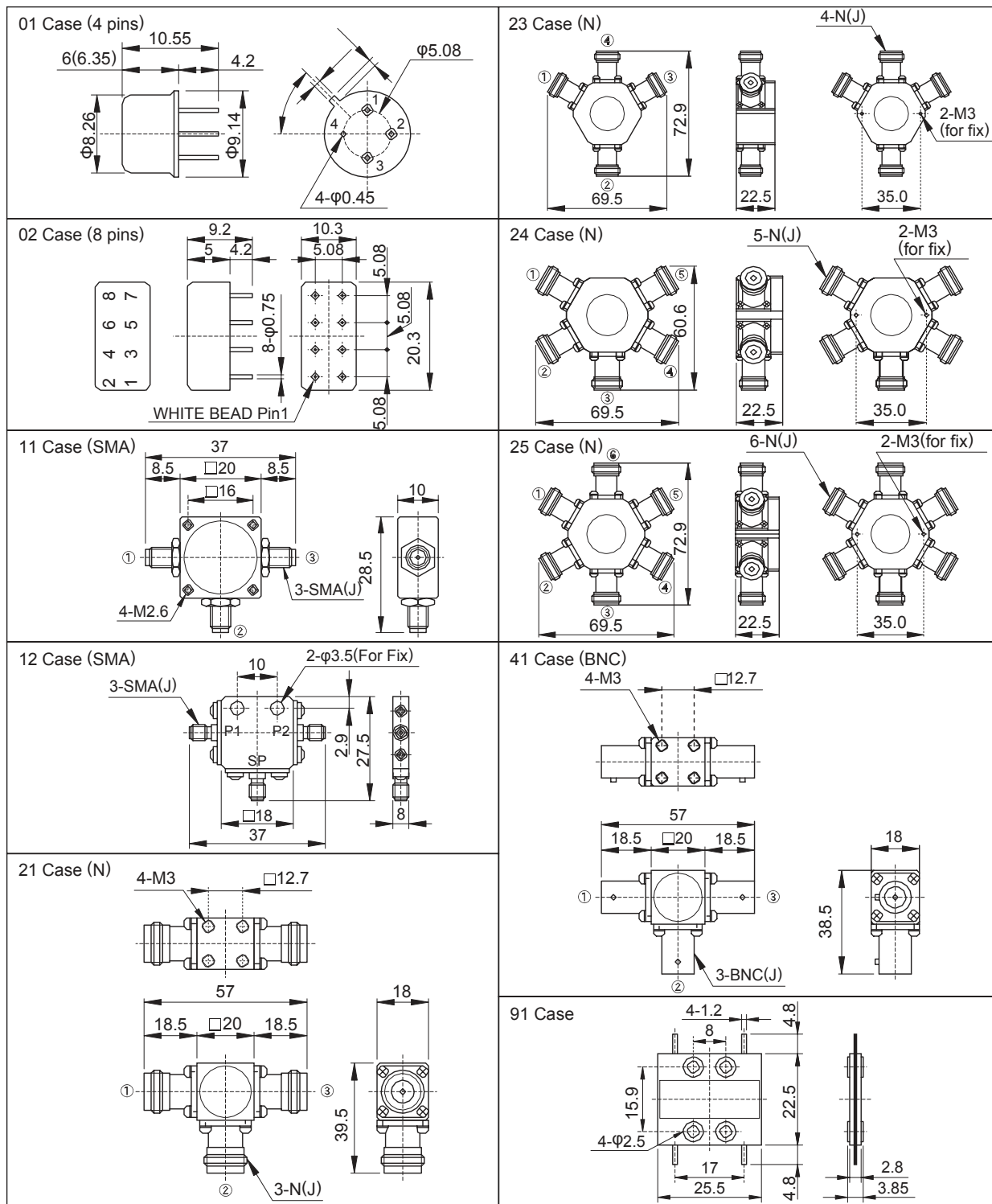
The content of this specification may change without notification 11/08/07



Power Splitters

Casing Outline Dimensions

Unit:mm



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