

Two-channel Power Divider / Combiner

Power divider is a device that divides the energy of one input signal into two or multiple outputs of the same energy, or in turn combines the energy of the multiple signals into one output, which can also be called a confluence. The technical specifications of the power divider include frequency range, withstand power, insertion loss between input and output, isolation between branch ports, voltage standing wave ratio of each port, etc.



FEATURE

Broad Band
Hi-Rel
Low Insertion Loss

APPLICATION

Amplifier
Radio
Communication
Laboratory Tests

Operating Temperature: -35 – +75 °C Characteristic Impedance: 50 Ω

ELECTRICAL CHARACTERISTICS:

Model	Freq (GHz)	Power (W)	Insertion Loss (dB,max.)	Isolation (dB,min.)	Amplitude Balance (± dB,max.)	Phase Balance (± ° ,max.)	VSWR (max.)	Connector	Dimensions (mm)
SHPD2-0-2000-2-S	DC-2	2	6.0 ± 0.5	6	0.5	—	1.2	SMA	28*28*10
SHPD2-0-2400-2-S	DC-2.4	2	6.0 ± 0.5	6	0.5	—	1.2	SMA	28*24.2*13.5
SHPD2-0-3000-2-S	DC-3	2	6.8	5.6	0.3	3	1.2	SMA	28*28*10
SHPD2-0-3000-2-N	DC-3	2	6.8	5.6	0.3	3	1.2	N	38*32*20
SHPD2-0-4000-2-S	DC-4	2	6.8	5.6	0.3	3	1.2	SMA	28*28*10
SHPD2-0-6000-2-S	DC-6	2	6.8	5.6	0.3	3	1.3	SMA	28*28*10
SHPD2-0-6000-2-N	DC-6	2	6.8	5.6	0.3	3	1.3	N	38*32*20
SHPD2-0-8000-2-S	DC-8	2	7.2 ± 0.5	6	0.5	—	1.4	SMA	25.4*22.2*16
SHPD2-0-10000-R5-S	DC-10	0.5	6.0 ± 1.5	—	0.8	—	1.5	SMA	28*24.2*12
SHPD2-0-12400-R5-S	DC-12.4	0.5	6 ± 1.5	—	0.8	—	1.5	SMA	28*24.2*12
SHPD2-0-18000-R5-S	DC-18	0.5	6 ± 1.5	—	0.8	—	1.6	SMA	28*12*24.2
SHPD2-0-26500-2-S	DC-26.5	2	7.5	8	0.4	3	2.5	SMA	19.1*16.6*10
SHPD2-0-40000-2-K	DC-40	2	7.5	9	0.5	5	2.5	2.92mm	17.5*15.8*10
SHPD2-0-50000-1-2	DC-50	1	7.8	9	0.8	8	2.5	1.4mm	17.5*15.8*10
SHPD2-0-67000-1-V	DC-67	1	8	9	0.9	10	2.5	1.85mm	17.5*15.8*10
SHPD2-2-500-1-S	0.002-0.5	1	0.6	20	0.3	2	1.3	SMA	28*28*12.7
SHPD2-5-1000-1-S	0.005-1	1	1.0	18	0.3	3	1.3	SMA	28*28*12.7
SHPD2-5-1000-1-N	0.005-1	1	1.0	17	0.3	3	1.25	N	56*34*22
SHPD2-5-1000-1-8	0.005-1	1	1.0	17	0.3	3	1.25	BNC	56*34*22
SHPD2-10-1000-1-S	0.01-1	1	1.0	20	0.3	3	1.3	SMA	28*28*12.7
SHPD2-30-300-2-N	0.03-0.3	2	6.8	5.6	0.3	3	1.2	N	38*32*20
SHPD2-30-400-20-S	0.03-0.4	20	1.8	20	0.2	2	1.2	SMA	250*80*12
SHPD2-30-512-K3-N	0.03-0.5	300	1.4	20	0.2	2	1.25	N	295*224*22
SHPD2-30-512-30-S	120.03-0.5	30	2.8	20	0.3	3	1.25	SMA	—
SHPD2-30-1000-20-S	120.03-1	20	3.0	18	0.3	3	1.4	SMA	160*110*12
SHPD2-30-3000-2-N	0.03-3	2	6.8	5.6	0.3	—	1.2	N	38*32*20
SHPD2-30-3000-2-S	0.03-3	2	6.8	5.6	0.3	3	1.2	SMA	28*28*10
SHPD2-50-500-1-S	0.05-0.5	1	0.6	18	0.3	3	1.3	SMA	36*34*12

*Dimensions do not include connectors.

ELECTRICAL CHARACTERISTICS:

Model	Freq (GHz)	Power (W)	Insertion Loss (dB,max.)	Isolation (dB,min.)	Amplitude Balance ($\pm$ dB,max.)	Phase Balance ($\pm$ °,max.)	VSWR (max.)	Connector	Dimensions (mm)
SHPD2-50-500-1-N	0.05-0.5	1	0.5	20	0.3	3	1.2	N	60*42*22
SHPD2-52-57-K6-N	0.052-0.057	600	0.3	20	0.2	3	1.25	N	274*170*22
SHPD2-68-72-1-N	0.068-0.072	1	0.3	20	0.2	2	1.2	N	56*34*22
SHPD2-68-72-30-N	0.068-0.072	30	0.4	20	0.2	2	1.2	N	106*82*22
SHPD2-68-72-K2-N	0.068-0.072	200	0.3	20	0.2	2	1.2	N	283*110*22
SHPD2-70-2700-K1-N	0.07-2.7	100	2.0	20	0.2	3	1.5	N	334*60*20
SHPD2-70-4200-20-S	0.07-4.2	20	5.0	18	0.3	3	1.5	SMA	260*42*12
SHPD2-80-110-30-S	0.08-0.11	30	0.4	20	0.2	2	1.2	SMA	108*70*10
SHPD2-80-500-30-S	0.08-0.5	30	0.8	19	0.2	2	1.25	SMA	110*62*12
SHPD2-80-2000-30-S	0.08-2	30	1.8	19	0.2	2	1.25	SMA	110*62*12
SHPD2-80-2000-30-N	0.08-2	30	1.8	20	0.2	2	1.25	N	110*62*20
SHPD2-80-4000-30-S	0.08-4	30	2.5	16	0.3	3	1.5	SMA	156*44*12
SHPD2-100-200-K1-N	0.1-0.2	100	0.3	20	0.2	2	1.2	N	168*90*22
SHPD2-100-350-30-S	0.1-0.35	30	1.0	20	0.2	2	1.25	SMA	98*70*14
SHPD2-100-400-30-N	0.1-0.4	30	1.0	22	0.2	2	1.2	N	98*72*20
SHPD2-100-400-K2-N	0.1-0.4	200	0.4	20	0.2	2	1.2	N	195*102*22
SHPD2-100-500-50-S	0.1-0.5	50	0.5	20	0.2	3	1.25	SMA	130*80*14
SHPD2-100-500-50-N	0.1-0.5	50	0.5	20	0.2	2	1.25	N	132*84*22
SHPD2-100-500-K3-N-20	0.1-0.5	300	0.5	20	0.2	2	1.25	N	262*84*22
SHPD2-100-500-K3-N-K1	0.1-0.5	300	0.5	20	0.2	2	1.25	N	262*84*24
SHPD2-100-500-K4-7	0.1-0.5	400	0.6	20	0.2	2	1.25	7/16DIN	260*88*35
SHPD2-100-512-30-N	0.1-0.512	30	0.7	23	0.2	2	1.3	N	98*60*22
SHPD2-100-550-K1-N	0.1-0.55	100	0.5	20	0.2	2	1.2	N	226*80*22
SHPD2-100-600-30-S	0.1-0.6	30	0.8	20	0.2	2	1.2	SMA	85*70*12
SHPD2-100-1000-30-S	0.1-1	30	1.2	20	0.2	2	1.2	SMA	110*62*12
SHPD2-100-3000-30-S	0.1-3	30	2.5	18	0.3	3	1.3	SMA	122*50*12
SHPD2-100-4000-30-S	0.1-4	30	2.0	16	0.3	3	1.4	SMA	120*40*12
SHPD2-134-3700-30-N	0.134-3.7	30	2.2	18	0.3	3	1.3	N	111*50*20
SHPD2-136-174-K3-N	0.136-0.174	300	0.3	20	0.2	2	1.2	N	226*90*22
SHPD2-138-960-50-N	0.138-0.96	50	0.6	18	0.2	3	1.25	N	150*58*20
SHPD2-150-980-50-N	0.15-0.98	50	0.6	20	0.3	3	1.3	N	150*78*20
SHPD2-200-1000-30-S	0.2-1	30	0.6	20	0.2	2	1.25	SMA	82*48*12
SHPD2-200-2000-30-S	0.2-2	30	0.8	20	0.2	3	1.25	SMA	85*44*12
SHPD2-200-6000-30-S	0.2-6	30	2.2	18	0.3	3	1.25	SMA	123*38*12
SHPD2-200-6000-30-N	0.2-6	30	2.2	18	0.3	3	1.25	N	123*46*20
SHPD2-200-6000-50-S	0.2-6	50	6.0	18	0.2	3	1.4	SMA	290*44*15
SHPD2-210-240-50-N	0.21-0.24	50	0.3	20	0.2	2	1.2	N	84*76*20
SHPD2-225-512-K1-N	0.225-0.512	100	0.3	20	0.2	2	1.2	N	134*80*22
SHPD2-300-500-50-S	0.3-0.5	50	0.3	20	0.2	2	1.2	SMA	85*50*14
SHPD2-300-600-50-N	0.3-0.6	50	0.3	20	0.2	2	1.2	N	85*50*20
SHPD2-300-900-30-S	0.3-0.9	30	0.6	20	0.2	2	1.2	SMA	82*48*12
SHPD2-300-1000-K3-N	0.3-1	300	0.3	20	0.2	2	1.25	N	195*56*20

*Dimensions do not include connectors.

ELECTRICAL CHARACTERISTICS:

Model	Freq (GHz)	Power (W)	Insertion Loss (dB,max.)	Isolation (dB,min.)	Amplitude Balance (±dB,max.)	Phase Balance (±°,max.)	VSWR (max.)	Connector	Dimensions (mm)
SHPD2-300-1800-K3-N	0.3-1.8	300	0.6	18	0.2	2	1.3	N	110*78*22
SHPD2-300-2000-50-N	0.3-2	50	0.8	18	0.2	3	1.3	N	72*70*20
SHPD2-336-366-30N	0.336-0.366	30	0.3	20	0.2	2	1.2	N	80*52*20
SHPD2-350-520-K15-N	0.35-0.52	150	0.3	20	0.2	2	1.2	N	90*70*22
SHPD2350-3800-30-S	0.35-3.8	30	1.2	20	0.2	3	1.25	SMA	62*42*12
SHPD2-3503800-30-N	0.35-3.8	30	1.2	20	0.2	3	1.25	N	62*50*20
SHPD2-350-6000-30-S	0.35-6	30	1.5	20	0.3	3	1.25	SMA	82*38*121
SHPD2-380-410-K3-N	0.38-0.41	300	0.3	20	0.2	2	1.2	N	52*80*22
SHPD2-380-460-K1-7	0.38-0.46	100	0.3	20	0.2	2	1.2	7/16DIN	95*78*30
SHPD2-380-470-K3-N	0.38-0.47	300	0.3	20	0.2	2	1.2	N	144*80*22
SHPD2-400-450-50-K1	0.4-0.45	100	0.4	20	0.2	2	1.2	N	70*68*20
SHPD2-400-470-30-S	0.4-0.47	30	0.5	20	0.2	2	1.2	SMA	54*52*12
SHPD2-400-1000-K2-N	0.4-1	200	0.4	18	0.2	2	1.25	N	126*58*22
SHPD2-400-1000-K3-N	0.4-1	300	0.4	18	0.2	2	1.25	N	126*58*22
SHPD2-400-2700-30-S	0.4-2.7	30	0.8	20	0.2	3	1.2	SMA	56*50*12
SHPD2-400-6000-30-S	0.4-6	30	1.2	20	0.2	3	1.3	SMA	73*38*12
SHPD2-400-6000-30-N	0.4-6	30	1.4	20	0.2	3	1.3	N	73*50*20
SHPD2-400-8000-30-S	0.4-8	30	1.5	18	0.3	3	1.3	SMA	74*35*12
SHPD2-400-18000-20-S	0.4-18	20	1.2	12	0.3	5	1.7	SMA	157*26*10
SHPD2-430-950-30-S	0.43-0.95	30	0.3	22	0.2	2	1.2	SMA	84*50*12
SHPD2-500-1000-30-S	0.5-1	30	0.3	20	0.2	2	1.2	SMA	56*34*13
SHPD2-500-1000-30-N	0.5-1	30	0.4	20	0.2	2	1.2	N	52*41*20
SHPD2-500-2000-20-S	0.5-2	20	0.5	20	0.2	2	1.3	SMA	54*28*12
SHPD2-500-3000-30-S	0.5-3	30	0.6	22	0.2	3	1.25	SMA	48*40*12
SHPD2-500-3000-30-N	0.5-3	30	0.6	20	0.2	3	1.25	N	56*50*20
SHPD2-500-4000-30-S	0.5-4	30	0.8	20	0.2	3	1.25	SMA	46*42*12
SHPD2-500-6000-30-S	0.5-6	30	1.2	20	0.2	3	1.25	SMA	48*36*12
SHPD2-500-6000-30-N	0.5-6	30	1.2	20	0.2	3	1.25	N	56*50*20
SHPD2-500-8000-30-S	0.5-8	30	1.5	20	0.2	3	1.25	SMA	74*35*12
SHPD2-500-8000-30-N	0.5-8	30	1.8	20	0.2	3	1.25	N	74*38*20
SHPD2-500-18000-20-S	0.5-18	20	1.2	16	0.3	5	1.6	SMA	157*26*10
SHPD2-500-18000-20-N	0.5-18	20	1.5	16	0.3	5	1.6	N	157*48*20
SHPD2-555-3400-30-N	0.555-3.4	30	0.6	20	0.2	2	1.2	N	64*54*20
SHPD2-600-2000-30-S	0.6-2	30	0.4	20	0.2	3	1.2	SMA	48*44*12
SHPD2-600-6000-30-S	0.6-6	30	1.0	20	0.2	2	1.25	SMA	45*36*12
SHPD2-600-6000-30-N	0.6-6	30	1.0	20	0.2	3	1.25	N	80*48*20
SHPD2-698-4000-50-4	0.698-4	50	0.8	20	0.2	3	1.3	4.3/10	108*72*30
SHPD2-700-2700-30-S	0.7-2.7	30	0.5	20	0.2	2	1.2	SMA	42*38*14
SHPD2-700-2700-K2-N	0.7-2.7	200	0.5	20	0.2	3	1.25	N	70*56*20
SHPD2-700-4000-30-S	0.7-4	30	0.6	20	0.2	3	1.25	SMA	42*40*12
SHPD2-700-4000-30-N	0.7-4	30	0.6	20	0.2	3	1.25	N	50*45*20
SHPD2-700-4700-30-N	0.7-4.7	30	1.0	20	0.2	3	1.25	N	56*50*20

*Dimensions do not include connectors.

ELECTRICAL CHARACTERISTICS:

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SHPD2-700-5000-30-N	0.7-5	30	1.0	18	0.2	4	1.3	N	70*54*22
SHPD2-700-6000-30-S	0.7-6	30	1.0	20	0.2	3	1.25	SMA	45*36*12
SHPD2-700-8000-K1-N	0.7-8	100	1.5	18	0.2	3	1.35	N	142*25*22
SHPD2-700-9000-20-S	0.7-9	20	1.2	18	0.2	3	1.25	SMA	55*28*10
SHPD2-800-1880-K2-N	0.8-1.88	200	0.3	25	0.2	2	1.25	N	78*68*22
SHPD2-800-2500-K2-N	0.8-2.5	200	0.3	20	0.2	3	1.25	N	66*47*22
SHPD2-800-2500-K2-7	0.8-2.5	200	0.3	20	0.2	3	1.25	7/16DIN	72*55*28
SHPD2-800-2500-30-S	0.8-2.5	30	0.5	20	0.2	2	1.2	SMA	38*42*14
SHPD2-800-2700-30-S	0.8-2.7	30	0.5	22	0.2	3	1.2	SMA	35*43*14
SHPD2-800-2700-50-N	0.8-2.7	50	0.5	20	0.2	3	1.25	N	45.7*75*18.7
SHPD2-800-3000-30-S	0.8-3	30	0.5	20	0.2	3	1.25	SMA	43*35*14
SHPD2-800-3000-30-N	0.8-3	30	0.6	20	0.2	3	1.25	N	50*43*20
SHPD2-800-3800-K2-7	0.8-3.8	200	0.9	20	0.2	3	1.3	7/16DIN	95*58*30
SHPD2-800-4000-30-S	0.8-4	30	0.8	22	0.2	3	1.2	SMA	45*36*12
SHPD2-950-2150-30-S	0.95-2.15	30	0.3	20	0.2	2	1.2	SMA	56*46*14
SHPD2-950-2150-30-N	0.95-2.15	30	0.3	20	0.2	2	1.2	N	56*46*20.5
SHPD2-1000-2000-30-S	1-2	30	0.3	20	0.2	2	1.2	SMA	28*28*10
SHPD2-1000-2000-30-N	1-2	30	0.35	20	0.2	2	1.2	N	43*29*20
SHPD2-1000-2500-30-N	1-2.5	30	0.4	20	0.2	2	1.2	N	56*46*20.5
SHPD2-1000-3000-30-S	1-3	30	0.5	20	0.2	3	1.2	SMA	43*35*14
SHPD2-1000-4000-30-S	1-4	30	0.4	20	0.2	2	1.2	SMA	28*28*10
SHPD2-1000-4000-K2-N	1-4	200	1.2	16	0.3	4	1.5	N	80*60*24
SHPD2-1000-8000-30-S	1-8	30	0.8	20	0.2	3	1.25	SMA	41*28*10
SHPD2-1000-9000-30-S	1-9	30	1.4	20	0.2	3	1.25	SMA	52*28*10
SHPD2-1000-9000-30-N	1-9	30	1.5	20	0.2	3	1.25	N	52*50*20
SHPD2-1000-12000-20-S	1-12	20	1.0	18	0.3	4	1.4	SMA	99*24*10
SHPD2-1000-18000-20-S	1-18	20	1.2	16	0.3	3	1.4	SMA	99*24*10
SHPD2-1000-26500-20-S	1-26.5	20	1.2	16	0.5	6	1.7	SMA	81*26*10
SHPD2-1000-26500-20-K	1-26.5	20	1.2	16	0.5	6	1.7	2.92mm	81*26*10
SHPD2-1000-40000-20-K	1-40	20	2.2	15	0.5	8	2	2.92mm	78*26*10
SHPD2-1100-1700-30-S	1.1-1.7	30	0.3	20	0.2	2	1.2	SMA	28*28*10
SHPD2-1100-1700-30-B	1.1-1.7	30	0.4	20	0.2	2	1.2	BNC	56*46*20.5
SHPD2-1300-2400-30-S	1.3-2.4	30	0.4	22	0.2	2	1.2	SMA	42*28*12
SHPD2-1350-1450-20-S	1.35-1.45	20	0.3	30	0.2	2	1.2	SMA	28*28*10
SHPD2-1700-5900-30-N	1.7-5.9	30	0.5	22	0.2	3	1.2	N	38*34*20
SHPD2-1700-6000-50-S	1.7-6	50	0.5	18	0.2	2	1.4	SMA	45.5*26.4*12.7
SHPD2-1700-9000-30-S	1.7-9	30	0.6	18	0.2	3	1.3	SMA	34*28*10
SHPD2-2000-23000-K1-S	2-2.3	100	0.4	20	0.2	2	1.25	SMA	31.95*31.75*19.0
SHPD2-2000-2400-30-N	2-2.4	30	0.3	20	0.2	2	1.25	N	43*29*20
SHPD2-2000-4000-30-S	2-4	30	0.5	20	0.2	2	1.25	SMA	36*34*12
SHPD2-2000-4000-30-N	2-4	30	0.4	20	0.2	2	1.25	N	43*29*20
SHPD2-2000-4000-125-N	2-4	125	0.3	20	0.2	3	1.2	N	72*50*20

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SHPD2-2000-4000-K3-N	2-4	300	0.5	18	0.2	2	1.3	N	70*52*22
SHPD2-2000-6000-30-S	2-6	30	0.5	20	0.2	3	1.25	SMA	28*28*10
SHPD2-2000-6000-30-N	2-6	30	0.6	20	0.2	3	1.25	N	43*29*20
SHPD2-2000-8000-30-S	2-8	30	0.6	20	0.2	3	1.3	SMA	28*28*10
SHPD2-2000-8000-30-N	2-8	30	0.8	18	0.2	3	1.3	N	43*29*20
SHPD2-2000-9000-30-S	2-9	30	0.6	20	0.3	3	1.25	SMA	34*28*10
SHPD2-2000-12000-20-S	2-12	20	1.0	18	0.3	4	1.4	SMA	47*24*10
SHPD2-2000-18000-20-S	2-18	20	1.0	18	0.4	4	1.4	SMA	47*24*10
SHPD2-2000-40000-20-K	2-40	20	1.8	16	0.2	6	1.8	2.92mm	42*26*10
SHPD2-2400-2500-K3-S	2.4-2.5	300	0.3	30	0.2	2	1.25	SMA	70*50*14
SHPD2-2400-2500-K2-S	2.4-2.5	200	0.3	30	0.2	2	1.25	SMA	70*50*14
SHPD2-2500-4000-K2-N	2.5-4	200	0.6	18	0.2	3	1.35	N	58*52*22
SHPD2-3000-6000-30-S	3-6	30	0.4	22	0.1	2	1.2	SMA	28*28*10
SHPD2-3000-8000-30-S	3-8	30	0.6	22	0.3	1	1.2	SMA	28*28*10
SHPD2-3000-13000-5-S	3-13	5	1.2	18	0.2	5	1.5	SMA	47*24*10
SHPD2-3400-3800-30-N	3.4-3.8	30	0.3	20	0.2	2	1.2	N	54*40*20
SHPD2-3400-3800-K1-N	3.4-3.8	100	0.3	20	0.2	2	1.2	N	62*54*20
SHPD2-4000-5000-30-S	4-5	30	0.4	22	0.2	2	1.25	SMA	28*28*10
SHPD2-4000-6000-30-S	4-6	30	0.4	20	0.2	2	1.2	SMA	28*28*10
SHPD2-4000-8000-30-S	4-8	30	0.5	20	0.2	2	1.25	SMA	28*28*10
SHPD2-4000-8000-30-N	4-8	30	0.5	20	0.2	2	1.25	N	43*29*20
SHPD2-4000-12000-20-S	4-12	20	0.8	18	0.2	3	1.25	SMA	38*28*10
SHPD2-4900-5900-30-S	4.9-5.9	30	0.4	20	0.2	2	1.25	SMA	36*34*12
SHPD2-5000-6000-K2-N	5-6	200	0.5	20	0.2	3	1.25	N	50*36*20
SHPD2-5000-12000-20-S	5-12	20	0.6	18	0.3	3	1.25	SMA	28*28*10
SHPD2-5150-5850-50-N	5.15-5.85	50	0.5	20	0.2	3	1.25	N	44*36*20
SHPD2-5150-5850-K2-N	5.15-5.85	200	0.6	20	0.2	3	1.25	N	52*50*20
SHPD2-5200-5900-K1-S	5.2-5.9	100	0.4	20	0.2	2	1.25	SMA	60*45*15
SHPD2-6000-18000-20-S	6-18	20	0.8	18	0.3	4	1.4	SMA	30*24*10
SHPD2-6000-40000-20-K	6-40	20	1.4	16	0.5	5	1.7	2.92mm	26*19*10
SHPD2-7000-8500-30-S	7-8.5	30	0.4	20	0.2	2	1.25	SMA	28*28*10
SHPD2-7000-9000-30-S	7-9	30	0.3	20	0.2	2	1.25	SMA	28*28*10
SHPD2-8000-12000-20-S	8-12	20	0.5	18	0.2	3	1.25	SMA	28*28*10
SHPD2-8000-30000-20-K	8-30	20	1.2	16	0.4	4	1.5	2.92mm	26*19*10
SHPD2-10000-43000-20-K	10-43	20	1.3	12	0.4	5	1.6	2.92mm	26*19*10
SHPD2-10000-43300-20-K	10-43.3	20	1.6	14	0.5	6	1.6	2.92mm	26*19*10
SHPD2-10700-12750-20-S	10.7-12.75	20	0.6	18	0.3	3	1.3	SMA	28*28*10
SHPD2-18000-26500-20-K	18-26.5	20	0.6	16	0.4	4	1.5	2.92mm	26*19*10
SHPD2-18000-40000-20-K	18-40	20	1.0	16	0.4	5	1.5	2.92mm	26*19*10
SHPD2-20000-22000-20-K	20-22	20	1.0	18	0.4	4	1.4	2.92mm	26*19*10
SHPD2-20000-40000-20-K	20-40	20	1.2	16	0.4	5	1.5	2.92mm	26*19*10
SHPD2-23100-23300-10-K	23.1-23.3	10	0.8	18	0.3	3	1.5	2.92mm	26*19*10

*Dimensions do not include connectors.

ELECTRICAL CHARACTERISTICS:

Model	Freq (GHz)	Power (W)	Insertion Loss (dB,max.)	Isolation (dB,min.)	Amplitude Balance ($\pm$ dB,max.)	Phase Balance ($\pm$ °,max.)	VSWR (max.)	Connector	Dimensions (mm)
SHPD2-24000-43500-20-K	24-43.5	20	1.3	16	0.4	5	1.7	2.92mm	26*19*10
SHPD2-24250-52600-20-V	24.25-52.6	20	1.5	17	0.5	5	1.7	1.85mm	25.4*15.2*12.7
SHPD2-25500-25600-1-K	25.5-25.6	1	0.8	18	0.3	3	1.5	2.92mm	26*19*10
SHPD2-26000-31000-20-K	26-31	20	1.0	16	0.4	4	1.5	2.92mm	26*19*10
SHPD2-26000-40000-20-K	26-40	20	1.2	16	0.4	4	1.5	2.92mm	26*19*10
SHPD2-27000-52000-10-2	27-52	10	1.8	14	0.6	6	1.8	2.4mm	26*19*10

*Dimensions do not include connectors.

Three-channel Power Divider / Combiner

Operating Temperature: -35 – +75 °C Characteristic Impedance: 50 Ω



ELECTRICAL CHARACTERISTICS:

Model	Freq (GHz)	Power (W)	Insertion Loss (dB,max.)	Isolation (dB,min.)	Amplitude Balance (±dB,max.)	Phase Balance (±°,max.)	VSWR (max.)	Connector	Dimensions (mm)
SHPD3-0-3000-2-5	DC-3	2	9.5 ± 0.6	9.5	0.6	-	1.25	SMA	25.4*22.2*16
SHPD3-0-6000-2-5	DC-6	2	11.0	9	0.7	10	1.4	SMA	29.3*25.4*16
SHPD3-10-500-1-5	0.01-0.5	1	1.4	16	0.6	6	1.6	SMA	60*48*12
SHPD3-80-300-20-5	0.08-0.3	20	1.0	18	0.4	5	1.3	SMA	186*102*12
SHPD3-100-200-K1-N	0.1-0.2	100	0.5	18	0.3	3	1.25	N	305*120*22
SHPD3-100-350-30-5	0.1-0.35	30	0.8	20	0.4	4	1.25	SMA	240*108*14
SHPD3-100-400-30-N	0.1-0.4	30	0.6	18	0.5	5	1.3	N	228*108*20
SHPD3-100-400-50-N	0.1-0.4	50	0.6	18	0.6	5	1.3	N	228*165*20
SHPD3-100-1000-30-5	0.1-10.1	30	1.8	18	0.8	8	1.35	SMA	186*72*14
SHPD3-114-178-K3-N	14-0.178	300	1.0	20	0.5	6	1.3	N	280*172*22
SHPD3-134-3700-30-N	0.134-3.7	30	3.8	18	0.9	10	1.5	N	280*68*20
SHPD3-136-174-K3-N	0.136-0.174	300	0.8	20	0.3	3	1.25	N	326*172*22
SHPD3-138-960-50-N	0.138-0.96	50	1.2	18	0.6	6	1.3	N	148*115*20
SHPD3-200-250-30-5	0.2-0.25	30	1.0	20	0.4	4	1.25	SMA	164*64*14
SHPD3-200-2000-30-5	0.2-2	30	1.8	20	0.8	8	1.3	SMA	143*60*12
SHPD3-225-2500-20-5	0.225-2.5	20	1.8	20	0.8	8	1.4	SMA	136*56*12
SHPD3-336-366-30N	0.336-0.366	30	0.6	20	0.3	3	1.25	N	195*74*20
SHPD3-380-470-K3-N	0.38-0.47	300	0.8	20	0.3	3	1.25	N	164*155*22
SHPD3-380-40000-20-K	0.38-40	20	4.5	17	0.9	10	1.7	2.92mm	254*40.6*12.7
SHPD3-400-1000-30-5	0.4-1	30	0.6	20	0.4	5	1.3	SMA	112*90*14
SHPD3-400-6000-20-5	0.4-6	20	2.8	18	0.8	8	1.4	SMA	130*50*12
SHPD3-400-6000-20-N	0.4-6	20	2.8	18	0.8	8	1.5	N	130*74*20
SHPD3-433-30-30-N	0.433	30	0.5	22	0.3	3	1.2	N	100*70*20
SHPD3-440-900-60-N	0.44-0.9	60	0.8	18	0.4	6	1.35	N	100*100*20
SHPD3-480-500-30-N	0.48-0.5	30	0.3	20	0.3	3	1.2	N	90*78*20
SHPD3-480-500-50-N	0.48-0.5	50	0.3	20	0.3	3	1.2	N	100*90*20
SHPD3-500-700-K15-5	0.5-0.7	150	0.6	18	0.5	6	1.3	SMA	108*86*14
SHPD3-500-3000-30-5	0.5-3	30	1.0	18	0.5	5	1.3	SMA	90*48*121
SHPD3-500-6000-30-5	0.5-6	30	2.8	18	0.8	8	1.5	SMA	30*50*121
SHPD3-500-6000-30-N	0.5-6	30	2.8	18	0.8	8	1.5	N	30*74*20
SHPD3-500-8000-20-5	0.5-8	20	2.2	17	1.0	10	1.5	SMA	160*52*12
SHPD3-555-3400-30-N	0.555-3.4	30	1.0	20	0.7	7	1.25	N	136*78*20
SHPD3-600-6000-30-5	0.6-6	30	2.6	20	0.8	8	1.5	SMA	130*50*12
SHPD3-600-6000-30-N	0.6-6	30	2.8	20	0.8	8	1.5	N	130*74*20

*Dimensions do not include connectors.

ELECTRICAL CHARACTERISTICS:

Model	Freq (GHz)	Power (W)	Insertion Loss (dB,max.)	Isolation (dB,min.)	Amplitude Balance ($\pm$ dB,max.)	Phase Balance ($\pm$ °,max.)	VSWR (max.)	Connector	Dimensions (mm)
SHPD3-698-2700-50-N	0.698-2.7	50	0.6	20	0.4	4	1.25	N	77*94*19
SHPD3-698-6000-30-N	0.698-6	30	2.0	18	0.8	8	1.5	N	130*74*18
SHPD3-700-1100-10-S	0.7-1.1	10	1.0	20	0.6	-	1.35	SMA	86.5*45*12
SHPD3-700-4000-30-S	0.7-4	30	1.2	20	0.5	5	1.3	SMA	94*50*12
SHPD3-700-4000-30-N	0.7-4	30	1.4	20	0.5	5	1.3	N	94*74*20
SHPD3-700-5000-30-N	0.7-5	30	1.5	18	0.8	8	1.4	N	138*74*22
SHPD3-800-2500-K2-N	0.8-2.5	200	0.5	20	0.3	4	1.2	N	81*45*22
SHPD3-800-2500-K2-7	0.8-2.5	200	0.5	20	0.3	4	1.2	7/16DIN	89*53*28
SHPD3-1000-3000-30-N	1-3	30	1.2	20	0.5	5	1.3	N	94*72*20
SHPD3-1100-1700-30-S	1.1-1.7	30	0.4	20	0.4	4	1.25	SMA	68*50*10
SHPD3-1100-1700-30-T	1.1-1.7	30	0.5	20	0.4	4	1.25	TNC	72*72*20
SHPD3-2000-3000-20-S	2-3	20	0.5	18	0.5	5	1.3	SMA	55*50*12
SHPD3-2000-4000-20-S	2-4	20	0.5	18	0.5	5	1.3	SMA	55*50*12
SHPD3-2000-8000-20-S	2-8	20	1.0	18	0.5	5	1.4	SMA	66.5*37.5*10
SHPD3-2000-8000-20-N	2-8	20	1.2	18	0.5	6	1.4	N	76*70*20
SHPD3-2000-9000-30-S	2-9	30	1.5	18	0.5	5	1.5	SMA	66.5*37.5*10
SHPD3-2000-18000-20-S	2-18	20	1.6	16	0.6	10	1.7	SMA	70*39*10
SHPD3-3400-3800-30-N	3.4-3.8	30	0.5	20	0.5	5	1.25	N	78*68*20
SHPD3-6000-18000-20-S	6-18	20	1.2	18	0.6	6	1.5	SMA	51*38*10
SHPD3-7000-8000-20-S	7-8	20	1.0	20	0.4	4	1.3	SMA	66.5*37.5*10
SHPD3-8000-12000-20-S	8-12	20	1.0	18	0.5	5	1.4	SMA	51*38*10
SHPD3-9000-11000-20-S	9-11	20	0.8	18	0.5	5	1.4	SMA	51*38*10
SHPD3-16000-18000-20-S	16-18	20	0.8	18	0.5	5	1.4	SMA	51*38*10
SHPD3-26000-31000-20-K	26-31	20	1.5	16	0.6	6	1.5	2.92mm	39*25.4*10

*Dimensions do not include connectors.

Four-channel Power Divider / Combiner

Operating Temperature: -35 – +75 °C Characteristic Impedance: 50 Ω



ELECTRICAL CHARACTERISTICS:

Model	Freq (GHz)	Power (W)	Insertion Loss (dB,max.)	Isolation (dB,min.)	Amplitude Balance (±dB,max.)	Phase Balance (±°,max.)	VSWR (max.)	Connector	Dimensions (mm)
SHPD4-0-1000-2-S	DC-1	2	12.8	11.8	0.5	8	1.2	SMA	25.4*22.2*16
SHPD4-0-3000-2-S	DC-3	2	13.0	12	0.6	10	1.3	SMA	25.4*22.2*16
SHPD4-0-4000-2-S	DC-4	2	13.5	11	0.7	15	1.4	SMA	25.4*22.2*16
SHPD4-0-6000-2-S	DC-6	2	12 ± 1.0	12	0.8	—	1.4	SMA	25.4*22.2*16
SHPD4-0-6000-2-N	DC-6	2	13.0	12	0.8	12	1.5	N	44*38.1*20
SHPD4-0-8000-2-S	DC-8	2	12 ± 1.5	12	0.8	—	1.5	SMA	25.4*22.2*16
SHPD4-0-10000-R5-S	DC-10	05	12 ± 2.0	—	1.0	—	1.5	SMA	54*32*12
SHPD4-0-18000-R5-S	DC-18	0.5	12 ± 2.8	—	—	—	1.8	SMA	54*32*12
SHPD4-5-1000-R5-N	0.005-10.0	0.5	2.0	16	0.8	5	1.5	N	108*40*22
SHPD4-10-100-R5-S	1-0.1	0.5	1.2	18	0.4	4	1.4	SMA	108*40*12
SHPD4-10-100-R5-B	0.01-0.1	0.5	1.5	18	0.6	4	1.3	BNC	108*40*22
SHPD4-40-900-R5-N	0.04-0.9	0.5	1.8	18	0.8	4	1.4	N	108*40*22
SHPD4-70-2000-30-B	0.07-2	30	5.8	18	0.4	4	1.3	BNC	208*178*181
SHPD4-80-500-30-S	0.08-0.5	30	11.5	20	0.2	3	1.25	SMA	70*110*12
SHPD4-100-400-30-S	0.1-0.4	30	1.2	20	0.3	3	1.25	SMA	140*120*10
SHPD4-100-500-30-S	0.1-0.5	30	5.0	20	0.3	4	1.3	SMA	418*170*14
SHPD4-100-500-50-N	0.1-0.5	50	1.0	20	0.2	3	1.25	N	252*126*22
SHPD4-100-500-K3-N-20	0.1-0.5	300	0.8	20	0.2	3	1.25	N	270*224*22
SHPD4-100-500-K3-N-K1	0.1-0.5	300	0.8	20	0.2	3	1.25	N	270*224*24
SHPD4-100-500-K5-7	0.1-0.5	500	0.6	20	0.2	2	1.3	7/16DIN	284*228*35
SHPD4-100-1000-30-S	0.1-1	30	1.8	18	0.3	4	1.25	SMA	120*118*10
SHPD4-100-2000-30-S	0.1-2	30	3.4	20	0.3	4	1.3	SMA	156*118*10
SHPD4-100-3000-30-S	0.1-3	30	5.6	18	0.3	4	1.3	SMA	226*90*12
SHPD4-118-138-K5-N	0.118-0.138	500	0.5	25	0.2	2	1.2	N	278*175*20
SHPD4-120-150-50-N	0.12-0.15	50	0.5	20	0.2	3	1.2	N	168*162*20
SHPD4-120-560-50-N	0.12-0.56	50	1.0	20	0.2	3	1.2	N	202*142*20
SHPD4-134-3700-30-N	0.134-3.7	30	4.2	18	0.4	4	1.4	N	215*96*20
SHPD4-136-174-K3-N	0.136-0.174	300	0.4	20	0.2	2	1.2	N	255*208*22
SHPD4-138-960-50-N	0.138-0.96	50	1.0	18	0.2	3	1.25	N	172*132*20
SHPD4-150-960-50-N	0.15-0.96	50	1.4	20	0.4	4	1.4	N	214*132*20
SHPD4-150-2500-30-S	0.15-2.5	30	2.8	18	0.3	4	1.25	SMA	142*102*10
SHPD4-200-250-30-S	0.2-0.25	30	0.5	20	0.3	3	1.2	SMA	118*112*14
SHPD4-200-500-K3-N	0.2-0.5	300	0.5	20	0.3	3	1.2	N	255*150*20
SHPD4-200-2000-30-S	0.2-2	30	1.6	20	0.3	3	1.3	SMA	114*80*12

*Dimensions do not include connectors.

ELECTRICAL CHARACTERISTICS:

Model	Freq (GHz)	Power (W)	Insertion Loss (dB,max.)	Isolation (dB,min.)	Amplitude Balance ($\pm$ dB,max.)	Phase Balance ($\pm$ °,max.)	VSWR (max.)	Connector	Dimensions (mm)
SHPD4-200-4000-30-5	0.2-4	30	3.2	18	0.4	4	1.45	SMA	164*72*12
SHPD4-200-6000-30-5	0.2-6	30	4.2	18	0.4	4	1.4	SMA	140*92*12
SHPD4-245-255-K1-5	0.245-0.255	100	0.5	25	0.2	3	1.25	SMA	88*53*10
SHPD4-250-6000-30-5	0.25-6	30	3.5	18	0.3	4	1.3	SMA	127*86*12
SHPD4-300-1000-K3-N	0.3-1	300	0.4	18	0.3	3	1.25	N	230*124*20
SHPD4-300-3000-30-5	0.3-3	30	1.2	20	0.3	4	1.3	SMA	93*85*12
SHPD4-300-6000-30-5	0.3-6	30	3.5	20	0.4	4	1.4	SMA	108*92*12
SHPD4-350-800-50-N	0.35-0.8	50	0.5	18	0.3	3	1.25	N	106*104*20
SHPD4-350-830-K15-B	0.35-0.83	150	0.8	20	0.3	3	1.3	BNC	202*116*20
SHPD4-350-3800-30-5	0.35-3.8	30	1.6	18	0.3	4	1.3	SMA	102*68*12
SHPD4-350-3800-30-N	0.35-3.8	30	1.8	18	0.3	4	1.3	N	102*91*20
SHPD4-380-460-K1-7	0.38-0.46	100	0.5	20	0.3	3	1.25	7/16DIN	150*118*30
SHPD4-380-470-K3-N	0.38-0.47	300	0.4	20	0.2	2	1.2	N	184*148*22
SHPD4-400-470-30-5	0.4-0.47	30	0.5	20	0.3	3	1.2	SMA	114*110*14
SHPD4-400-1000-30-N	0.4-1	30	0.5	20	0.3	3	1.25	N	114*110*22
SHPD4-400-1000-K1-N	0.4-1	100	0.5	20	0.3	3	1.25	N	150*110*22
SHPD4-400-1000-K2-N	0.4-1	200	0.6	18	0.3	3	1.3	N	160*125*22
SHPD4-400-2000-30-S	0.4-2	30	1.0	20	0.3	3	1.2	SMA	87*72*12
SHPD4-400-4000-30-5	0.4-4	30	1.6	20	0.3	4	1.3	SMA	88*70*12
SHPD4-400-6000-30-5	0.4-6	30	2.4	20	0.3	4	1.3	SMA	127*64*12
SHPD4-400-6000-30-N	0.4-6	30	2.0	18	0.3	4	1.3	N	100*82*20
SHPD4-400-6000-35-5	0.4-6	35	2.2	20	0.3	4	1.3	SMA	208*64*12
SHPD4-400-8000-30-5	0.4-8	30	2.5	20	0.3	4	1.4	SMA	132*64*12
SHPD4-400-8000-30-N	0.4-8	30	3.6	18	0.3	4	1.4	N	132*86*20
SHPD4-450-6000-30-5	0.45-6	30	2.4	20	0.2	4	1.3	SMA	112*64*12
SHPD4-500-1000-30-5	0.5-1	30	0.6	20	0.3	3	1.3	SMA	65*63*12
SHPD4-500-1000-30-N	0.5-1	30	0.8	22	0.3	3	1.3	N	97*44*20
SHPD4-500-2000-30-S	0.5-2	30	1.0	20	0.3	4	1.25	SMA	68*64*12
SHPD4-500-2000-K2-N	0.5-2	200	0.7	20	0.4	4	1.25	N	152*150*20
SHPD4-500-3000-30-5	0.5-3	30	1.0	20	0.3	4	1.2	SMA	82*65*12
SHPD4-500-4000-K1-5	0.5-4	100	2.0	18	0.3	4	1.4	SMA	178*85*14
SHPD4-500-4000-K1-N	0.5-4	100	2.0	18	0.3	4	1.4	N	182*98*20
SHPD4-500-6000-30-5	0.5-6	30	1.8	20	0.3	4	1.3	SMA	100*62*12
SHPD4-500-6000-30-N	0.5-6	30	2.0	20	0.3	4	1.3	N	100*86*20
SHPD4-500-18000-20-5	0.5-18	20	2.5	15	0.4	8	2.1	SMA	163*68*10
SHPD4-500-26500-20-5	0.5-26.5	20	5.2	16	0.4	6	1.6	SMA	158*56.5*12.7
SHPD4-555-3400-30-N	0.555-3.4	30	1.2	18	0.3	4	1.25	N	112*110*20
SHPD4-600-2000-30-5	0.6-2	30	0.8	20	0.3	3	1.25	SMA	72*62*12
SHPD4-600-3000-50-5	0.6-3	50	1.0	18	0.3	4	1.3	SMA	108*85*12
SHPD4-600-3600-K1-5	0.6-3.6	100	2.0	10	0.3	4	1.3	SMA	128*85*12
SHPD4-600-8000-30-5	0.6-8	30	2.2	20	0.3	4	1.3	SMA	110*58*10
SHPD4-698-2700-50-N	0.698-2.7	50	0.8	20	0.4	4	1.3	N	94*77*19

*Dimensions do not include connectors.

ELECTRICAL CHARACTERISTICS:

Model	Freq (GHz)	Power (W)	Insertion Loss (dB,max.)	Isolation (dB,min.)	Amplitude Balance ($\pm$ dB,max.)	Phase Balance ($\pm$ °,max.)	VSWR (max.)	Connector	Dimensions (mm)
SHPD4-698-4000-K15-N	0.698-4	150	1.5	18	0.4	4	1.4	N	140*102*22
SHPD4-698-4000-50-4	0.698-4	50	1.5	20	0.3	4	1.3	4.3/10	178*128*30
SHPD4-700-1100-30-S	0.7-1.1	30	0.4	22	0.3	3	1.2	SMA	66*66*12
SHPD4-700-2000-30-N	0.7-2	30	0.6	20	0.3	3	1.2	N	100*45*20
SHPD4-700-2700-30-S	0.7-2.7	30	0.6	18	0.3	4	1.25	SMA	64*52*12
SHPD4-700-3000-30-S	0.7-3	30	0.8	20	0.3	4	1.2	SMA	72*60*12
SHPD4-700-4000-30-S	0.7-4	30	1.0	20	0.3	3	1.3	SMA	66*66*12
SHPD4-700-4000-30-N	0.7-4	30	1.0	20	0.4	4	1.3	N	98*74*20
SHPD4-700-4700-30-N	0.7-4.7	30	1.6	20	0.3	4	1.3	N	100*92*20
SHPD4-700-5000-30-N	0.7-5	30	2.0	18	0.3	5	1.4	N	130*130*22
SHPD4-750-1710-30-S	0.75-1.71	30	0.4	20	0.3	3	1.2	SMA	64*52*12
SHPD4-800-2500-30-S	0.8-2.5	30	0.6	20	0.3	4	1.2	SMA	56*50*12
SHPD4-800-2500-K2-7	0.8-2.5	200	0.8	20	0.3	4	1.3	7/16DIN	138*95*28
SHPD4-800-2700-30-S	0.8-2.7	30	0.6	20	0.3	4	1.25	SMA	64*52*12
SHPD4-800-4200K2-N	0.8-4.2	200	18.0	18	0.4	4	1.4	N	152*108*20
SHPD4-800-5000-20-S	0.8-5	20	1.0	18	0.15	2	1.3	SMA	120*72*12
SHPD4-8502150-30-N	0.85-2.15	30	0.6	22	0.3	3	1.2	N	114*50*22
SHPD4-950-2150-30-S	0.95-2.15	30	3.0	30	0.2	3	1.2	SMA	92*72*12
SHPD4-950-2150-30-NS	0.95-2.15	30	3.0	30	0.3	3	1.2	SMA,N	106*70*20
SHPD4-1000-2000-30-S	1-2	30	0.6	25	0.3	3	1.3	SMA	64*52*12
SHPD4-1000-2000-30-N	1-2	30	0.8	20	0.3	3	1.3	N	97*44*20
SHPD41000-2500-K1-N	1-2.5	100	0.6	18	0.3	4	1.25	N	114*110*22
SHPD4-1000-2500-K1-NS	1-2.5	100	0.6	18	0.3	4	1.25	SMA,N	114*110*22
SHPD4-1000-3000-30-S	1-3	30	0.6	20	0.3	3	1.3	SMA	56*43*10
SHPD4-1000-4000-30-S	1-4	30	0.8	20	0.3	3	1.3	SMA	56*43*10
SHPD4-1000-6000-30-S	1-6	30	1.2	20	0.3	4	1.3	SMA	60*55*12
SHPD4-1000-8000-30-S	1-8	30	1.5	20	0.4	5	1.4	SMA	70.5*56*10
SHPD4-1000-18000-20-S	1-18	20	3.0	16	0.5	6	1.55	SMA	99*71*10
SHPD4-1100-1700-20-B	1.1-1.7	30	0.5	20	0.3	3	1.2	BNC	102*72*20
SHPD4-1100-1700-20-T	1.1-1.7	30	0.5	20	0.3	3	1.2	TNC	102*72*20
SHPD4-1100-1700-20-N	1.1-1.7	30	0.5	20	0.3	3	1.2	N	102*72*20
SHPD4-1100-2700-K1-S	1.1-2.7	100	0.6	18	0.3	4	1.25	SMA	110*100*11
SHPD4-1300-2400-30-S	1.3-2.4	30	0.5	22	0.1	1	1.2	SMA	64*52*12
SHPD4-1900-5800-30-S	1.9-5.8	30	0.5	20	0.3	4	1.25	SMA	56*50*12
SHPD4-2000-2400-30-N	2-2.4	30	0.5	20	0.3	3	1.25	N	97*40*20
SHPD4-2000-4000-30-S	2-4	30	0.6	20	0.3	3	1.25	SMA	65*36*12
SHPD4-2000-6000-K4-NS	2-6	400	0.8	15	0.5	10	1.6	SMA,N	210*64.2*30
SHPD4-2000-6000-30-S	2-6	30	0.6	22	0.3	4	1.25	SMA	56*50*12
SHPD4-2000-6000-30-N	2-6	30	1.0	20	0.3	4	1.25	N	97*49*20
SHPD4-2000-6000-50-S	2-6	50	1.5	18	0.3	4	1.35	SMA	94*60*10
SHPD4-2000-8000-30-S	2-8	30	1.2	18	0.3	4	1.4	SMA	56*50*10
SHPD4-2000-8000-30-N	2-8	30	1.2	18	0.3	4	1.4	N	97*49*20

*Dimensions do not include connectors.

ELECTRICAL CHARACTERISTICS:

Model	Freq (GHz)	Power (W)	Insertion Loss (dB,max.)	Isolation (dB,min.)	Amplitude Balance (± dB,max.)	Phase Balance (± °,max.)	VSWR (max.)	Connector	Dimensions (mm)
SHPD4-2000-9000-30-S	2-9	30	1.8	18	0.3	4	1.4	SMA	56*56*10
SHPD4-2000-12000-20-S	2-12	20	1.6	17	0.4	5	1.5	SMA	69*60*10
SHPD4-2000-18000-20-S	2-18	20	2.0	17	0.4	6	1.5	SMA	69*60*10
SHPD4-2000-26500-20-S	2-26.5	20	2.6	16	0.5	6	1.7	SMA	73*59*10
SHPD4-2000-26500-20-K	2-26.5	20	2.6	16	0.5	6	1.7	2.92mm	73*59*10
SHPD4-2000-40000-20-K	2-40	20	3.0	15	0.5	10	2.1	2.92mm	52*46*10
SHPD4-2400-5900-50-N	2.4-5.9	50	0.6	18	0.2	3	1.3	N	110*70*22
SHPD4-2400-5900-K1-N	2.4-5.9	100	1.0	18	0.3	4	1.25	N	110*108*22
SHPD4-2400-6000-K1-N	2.4-6	100	1.2	18	0.3	4	1.3	N	110*108*22
SHPD4-2400-6000-K1-NS	2.4-6	100	1.2	18	0.3	4	1.3	SMA,N	110*108*22
SHPD4-2500-4000-K2-N	2.5-4	200	1.0	18	0.3	4	1.35	N	108*102*22
SHPD4-2600-3500-K15-N	2.6-3.5	150	0.5	18	0.2	3	1.25	N	115*104*22
SHPD4-3000-5000-K1-N	3-5	100	0.8	18	0.3	4	1.25	N	110*108*22
SHPD4-3400-3800-30-N	3.4-3.8	30	0.5	18	0.2	3	1.25	N	110*63*20
SHPD4-3400-3800-K1-N	3.4-3.8	100	0.6	20	0.2	3	1.25	N	110*102*20
SHPD4-3400-4800-30-SN	3.4-4.8	30	0.8	25	0.3	3	1.25	SMA,N	105*50*20
SHPD4-4000-8000-30-S	4-8	30	0.6	18	0.3	3	1.3	SMA	65*36*12
SHPD4-4000-12000-20-S	4-12	20	1.2	18	0.2	4	1.4	SMA	60*54*10
SHPD4-5500-6000-30-M	5.5-6	30	0.6	20	0.3	4	1.3	SMA	56*43*10
SHPD4-6000-11000-20-S	6-11	20	1.0	18	0.3	4	1.3	SMA	60*58*10
SHPD4-6000-18000-20-S	6-18	20	1.2	18	0.3	6	1.5	SMA	50.5*45*10
SHPD4-6000-18000-50-S	6-18	50	1.5	18	0.4	5	1.6	SMA	91*45*10
SHPD4-6900-7400-30-S	6.9-7.4	30	0.5	20	0.3	3	1.25	SMA	60*36*10
SHPD4-7000-8500-30-S	7-8.5	30	0.6	20	0.3	3	1.3	SMA	60*36*10
SHPD4-7000-9000-30-S	7-9	30	0.6	18	0.3	3	1.3	SMA	60*36*10
SHPD4-8000-12000-20-S	8-12	20	1.0	18	0.4	5	1.4	SMA	60*54*10
SHPD4-8000-30000-20-K	8-30	20	1.6	16	0.4	4	1.5	2.92mm	52*35*10
SHPD4-10000-26500-20-K	10-26.5	20	1.5	16	0.4	4	1.5	2.92mm	52*35*10
SHPD4-10000-40000-20-K	10-40	20	1.5	16	0.4	6	1.5	2.92mm	52.3*38.1*10
SHPD4-10700-12750-20-S	10.7-12.75	20	1.0	18	0.4	5	1.4	SMA	54*48*10
SHPD4-10900-12700-20-S	10.9-12.7	20	1.0	18	0.4	5	1.4	SMA	60*50*10
SHPD4-10900-12700-20-N	10.9-12.7	20	1.0	18	0.4	5	1.4	N	97*49*20
SHPD4-12000-15000-20-S	12-15	20	1.0	18	0.3	4	1.4	SMA	54*50*10
SHPD4-13750-14500-20-S	13.75-14.5	20	1.0	18	0.4	5	1.4	SMA	60*50*10
SHPD4-13750-14500-20-N	13.75-14.5	20	1.0	18	0.4	5	1.4	N	97*49*20
SHPD4-15000-17000-20-S	15-17	20	1.2	18	0.4	4	1.4	SMA	54*48*10
SHPD4-18000-26500-20-K	18-26.5	20	1.6	16	0.4	6	1.6	2.92mm	52.3*38.1*10
SHPD4-18000-40000-20-K	18-40	20	1.5	16	0.4	6	1.5	2.92mm	52.3*38.1*10
SHPD4-18000-50000-20-2	18-50	20	2.5	15	0.6	10	1.8	2.4mm	52*24*10
SHPD4-24000-40000-20-K	24-40	20	1.6	16	0.4	8	1.8	2.92mm	52*35*10
SHPD4-25000-50000-20-V	25-50	20	2.0	15	0.6	10	1.8	1.85mm	52*24*10
SHPD4-26000-31000-20-K	26-31	20	1.4	16	0.4	6	1.5	2.92mm	52*35*10
SHPD4-34000-36000-20-K	34-36	20	1.4	16	0.4	5	1.5	2.92mm	52.3*38.1*10

*Dimensions do not include connectors.

Six-channel Power Divider / Combiner

Operating Temperature: -35 – +75 °C Characteristic Impedance: 50 Ω



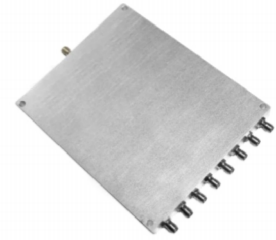
ELECTRICAL CHARACTERISTICS:

Model	Freq (GHz)	Power (W)	Insertion Loss (dB,max.)	Isolation (dB,min.)	Amplitude Balance (±dB,max.)	Phase Balance (±°,max.)	VSWR (max.)	Connector	Dimensions (mm)
SHPD6-0-1000-1-S	DC-1	1	16 ± 1.5	16	0.6	-	1.2	SMA	33.7*32.9*16
SHPD6-0-6000-2-S	DC-6	2	17 ± 1	16	1.2	-	1.5	SMA	33.7*32.9*16
SHPD6-0-8000-2-S	DC-8	2	18 ± 1	16	1.5	-	1.5	SMA	33.7*32.9*16
SHPD6-0-10000-R5-S	DC-10	0.5	16 ± 3.5	-	3	-	1.7	SMA	80*40*12
SHPD6-400-4000-30-SN	0.4-4	30	3.0	18	0.9	10	1.3	SMA,N	138*132*20
SHPD6-500-3000-50-S	0.5-3	50	2.6	18	1.5	20	1.5	SMA	118*105*12
SHPD6-500-6000-30-S	0.5-6	30	3.0	18	0.8	8	1.5	SMA	150*94*12
SHPD6-500-6000-30-N	0.5-6	30	4.0	18	1	10	1.5	N	150*142*20
SHPD6-500-8000-20-S	0.5-8	20	3.5	17	1	10	1.55	SMA	220*94*12
SHPD6-700-2700-40-S	0.7-2.7	40	1.0	20	0.5	6	1.3	SMA	124*98*12
SHPD6-700-4000-30-S	0.7-4	30	1.6	18	0.8	8	1.4	SMA	110*80*12
SHPD6-800-2500-20-S	0.8-2.5	20	1.0	20	0.4	5	1.3	SMA	88*85*14
SHPD6-800-2700-30-N	0.8-2.7	30	1.4	18	0.5	6	1.35	N	150*95*20
SHPD6-800-3000-30-S	0.8-3	30	1.2	20	0.5	6	1.3	SMA	88*85*12
SHPD6-1000-1700-30-S	1-1.7	30	1.0	20	0.4	5	1.3	SMA	85*65*12
SHPD6-1000-1700-30-N	1-1.7	30	1.0	20	0.4	4	1.3	N	155*98*20
SHPD6-1000-1700-30-T	1-1.7	30	1.0	20	0.4	4	1.3	TNC	155*98*20
SHPD6-1000-2000-30-N	1-2	30	1.2	20	0.5	5	1.3	N	156*76*20
SHPD6-1000-8000-20-S	1-8	20	1.8	18	0.5	6	1.5	SMA	130*80*10
SHPD6-1500-5000-20-S	1.5-5	20	1.0	18	0.4	5	1.35	SMA	88*83*10
SHPD6-2000-6000-30-S	2-6	30	1.0	20	0.5	6	1.35	SMA	88*83*10
SHPD6-2000-8000-30-S	2-8	30	1.2	20	0.5	6	1.35	SMA	88*83*10
SHPD6-2000-18000-20-S	2-18	20	2.6	16	0.6	8	1.5	SMA	109*76*10
SHPD6-3700-4900-20-SP	3.7-4.9	20	0.5	20	0.3	1.2	1.25	SMA,SMP	66*58*10
SHPD6-4000-8000-30-S	4-8	30	1.0	20	0.5	5	1.4	SMA	83*68*10
SHPD6-8000-17000-20-S	8-17	20	1.5	18	0.8	8	1.7	SMA	70.5*50*10

*Dimensions do not include connectors.

Eight-channel Power Divider / Combiner

Operating Temperature: -35 – +75 °C Characteristic Impedance: 50 Ω



ELECTRICAL CHARACTERISTICS:

Model	Freq (GHz)	Power (W)	Insertion Loss (dB,max.)	Isolation (dB,min.)	Amplitude Balance (± dB,max.)	Phase Balance (± °,max.)	VSWR (max.)	Connector	Dimensions (mm)
SHPD8-0-2000-2-N	DC-2	2	22.0	20	0.4	5	1.3	N	196*60*20
SHPD8-0-3000-2-S	DC-3	2	18.5	17	0.5	5	1.3	SMA	120*60*12
SHPD8-0-3000-2-N	DC-3	2	23.0	20	0.6	8	1.3	N	196*60*20
SHPD8-0-4000-2-S	DC-4	2	19.5	17	0.8	8	1.4	SMA	120*60*12
SHPD8-0-6000-2-S	DC-6	2	18 ± 2.5	18	1.2	—	1.5	SMA	43.2*42.5*16
SHPD8-0-8000-2-S	DC-8	2	20 ± 1.5	18	1.8	—	1.6	SMA	43.2*42.5*16
SHPD8-0-10000-R5-S	DC-10	0.5	18 ± 2.8	—	2	—	1.6	SMA	106*50*12
SHPD8-0-18000-1-S	DC-18	1	23.0	18	1.4	—	2.5	SMA	92.5*60.5*10
SHPD8-5-1000-1-S	0.005-1	1	3.0	18	0.5	10	1.5	SMA	120*32*13
SHPD8-10-100-1-S	0.01-0.1	1	1.0	20	0.4	4	1.3	SMA	120*32*13
SHPD8-30-3000-2-S	0.03-3	2	18.5	17	0.5	5	1.3	SMA	120*60*12
SHPD8-80-500-30-S	0.08-0.5	30	1.8	18	0.2	3	1.3	SMA	202*166*10
SHPD8-80-4000-30-S	0.08-4	30	6.6	13	0.4	8	1.55	SMA	332*164*12
SHPD8-98-102-30-N	0.098-0.102	30	0.8	20	0.2	3	1.2	N	215*168*20
SHPD8-100-700-1-S	0.1-0.7	1	2.0	18	0.4	8	1.5	SMA	120*32*13
SHPD8-100-700-30-S	0.1-0.7	30	2.0	20	0.3	3	1.25	SMA	190*190*12
SHPD8-100-2000-30-S	0.1-2	30	3.4	18	0.3	4	1.35	SMA	224*220*10
SHPD8-100-3000-30-S	0.1-3	30	6.5	18	0.3	6	1.35	SMA	322*170*10
SHPD8-100-4000-30-SMS	0.1-4	30	6.5	12	0.5	6	1.55	SMA	252*158*10
SHPD8-200-1000-30-S	0.2-1	30	1.4	20	0.4	4	1.25	SMA	172*138*12
SHPD8-200-2000-30-S	0.2-2	30	2.8	18	0.3	4	1.3	SMA	168*142*10
SHPD8-200-2300-30-S	0.2-2.3	30	3.0	18	0.3	4	1.3	SMA	218*118*12
SHPD8-200-6000-30-S	0.2-6	30	6.8	17	0.5	5	1.35	SMA	260*120*12
SHPD8-223-235-30-S	0.223-0.235	30	1.2	20	0.4	4	1.3	SMA	138*130*12
SHPD8-240-30-S	0.24	30	0.6	20	0.2	2	1.2	SMA	202*106*14
SHPD8-300-500-30-S	0.3-0.5	30	0.8	20	0.2	3	1.25	SMA	210*98*12
SHPD8-300-3000-NS	0.3-3	30	2.6	20	0.3	4	1.3	SMA,N	163*120*20
SHPD8-300-3000-30-S	0.3-3	30	3.0	20	0.3	4	1.35	SMA	163*120*12
SHPD8-300-6000-30-S	0.3-6	30	5.2	18	0.4	5	1.4	SMA	176*120*12
SHPD8-400-900-30-B	0.4-0.9	30	0.6	20	0.3	3	1.25	BNC	194*124*20
SHPD8-400-4000-30-S	0.4-4	30	2.4	20	0.4	4	1.35	N	200*100*20
SHPD8-400-4000-30-N	0.4-4	30	2.4	20	0.4	4	1.35	N	200*100*20
SHPD8-400-6000-30-S	0.4-6	30	3.2	20	0.4	5	1.35	SMA	138*120*12
SHPD8-400-6000-80-5	0.4-6	80	6.0	18	0.3	6	1.6	SMA	324*185*14

*Dimensions do not include connectors.

ELECTRICAL CHARACTERISTICS:

Model	Freq (GHz)	Power (W)	Insertion Loss (dB,max.)	Isolation (dB,min.)	Amplitude Balance ($\pm$ dB,max.)	Phase Balance ($\pm$ °,max.)	VSWR (max.)	Connector	Dimensions (mm)
SHPD8-450-6000-30-S	0.45-6	30	3.2	18	0.3	4	1.35	SMA	120*120*12
SHPD8-470-510-10-S	0.47-0.51	10	2.0	20	0.5	5	1.3	SMA	190*60*11
SHPD8-470-510-20-S	0.47-0.51	20	1.5	20	0.5	5	1.3	SMA	192*81*12
SHPD8-500-2000-30-S	0.5-2	30	1.5	20	0.4	4	1.3	SMA	123*120*12
SHPD8-500-3000-30-S	0.5-3	30	1.5	20	0.4	4	1.3	SMA	120*100*12
SHPD8-500-3000-30-N	0.5-3	30	1.8	20	0.3	4	1.3	N	200*95*20
SHPD8-500-4000-30-NS	0.5-4	30	2.0	20	0.3	4	1.3	SMA,N	120*110*20
SHPD8-500-4000-30-S	0.5-4	30	2.3	20	0.2	4	1.3	SMA	126*110*12
SHPD8-500-6000-30-S	0.5-6	30	3.0	18	0.4	4	1.4	SMA	115*113*12
SHPD8-500-6000-30-N	0.5-6	30	3.0	18	0.4	5	1.4	N	200*120*20
SHPD8-500-8000-30-S	0.5-8	30	3.8	20	0.4	5	1.45	SMA	150*120*12
SHPD8-500-8000-30-N	0.5-8	30	6.0	18	0.4	5	1.45	N	200*150*20
SHPD8-500-18000-20-S	0.5-18	20	6.0	14	0.8	10	2	SMA	172*160*10
SHPD8-600-2000-30-S	0.6-2	30	1.0	20	0.3	4	1.25	SMA	112*70*12
SHPD8-600-6000-30-S	0.6-6	30	2.8	20	0.4	5	1.4	SMA	115*113*12
SHPD8-600-6000-30-N	0.6-6	30	3.2	18	0.4	5	1.4	N	200*120*20
SHPD8-600-8000-30-S	0.6-8	30	3.6	20	0.4	5	1.4	SMA	130*118*10
SHPD8-700-3000-30-S	0.7-3	30	1.0	20	0.3	4	1.3	SMA	116*86*14
SHPD8-700-3000-30-N	0.7-3	30	1.2	20	0.4	4	1.3	N	196*88*20
SHPD8-700-4000-30-N	0.7-4	30	1.8	20	0.4	4	1.3	N	200*100*20
SHPD8-750-1710-30-S	0.75-1.71	30	0.6	20	0.3	3	1.2	SMA	112*70*12
SHPD8-800-2000-30-S	0.8-2	30	1.0	20	0.3	4	1.25	SMA	101.6*68.58*10.16
SHPD8-800-2500-30-N	0.8-2.5	30	1.4	20	0.4	4	1.25	N	196*88*20
SHPD8-800-2700-30-N	0.8-2.7	30	1.5	20	0.4	4	1.3	N	196*88*20
SHPD8-800-4200-30-S	0.8-4.2	30	1.8	20	0.4	4	1.4	SMA	120*90*12
SHPD8-800-5000-20-S	0.8-5	20	1.5	20	0.4	3	1.4	SMA	150*148*12
SHPD8-800-6000-20-S	0.8-6	20	2.0	20	0.4	5	1.35	SMA	118*108*10
SHPD8-800-8000-30-S	0.8-8	30	3.6	20	0.4	5	1.4	SMA	118*115*10
SHPD8-950-2150-30-S	0.95-2.15	30	3.0	30	0.3	3	1.25	SMA	110*93*121
SHPD8-950-2150-30-N	0.95-2.15	30	1.2	22	0.4	4	1.25	N	96*88*20
SHPD8-950-2150-30-T	0.95-2.15	30	0.8	20	0.3	3	1.25	TNC	192*62*20
SHPD8-950-2150-30-NS	0.95-2.15	30	3.0	30	0.3	3	1.25	SMA,N	224*80*21
SHPD8-1000-1700-30-S	1-1.7	30	0.8	22	0.4	4	1.25	SMA	112*70*12
SHPD8-1000-6000-20-S	1-6	20	3.5	18	0.5	5	1.4	SMA	119*102*12
SHPD8-1000-18000-20-S	1-18	20	4.0	15	0.5	10	1.8	SMA	156*110*10
SHPD8-1100-1700-30-T	1.1-1.7	30	0.8	22	0.3	3	1.25	TNC	192*62*20
SHPD8-1500-1700-20-S	1.5-1.7	20	0.3	20	0.2	4	1.25	SMA	138*125*14
SHPD8-1500-5000-30-S	1.5-5	30	1.2	20	0.2	2	1.3	SMA	108*63*10
SHPD8-1525-1850-K1-N	1.525-1.85	100	0.8	18	0.3	4	1.2	N	212*125*2
SHPD8-1850-2700-K25-N	1.85-2.7	250	0.8	18	0.4	4	1.3	N	2212*145*22
SHPD8-2000-6000-30-S	2-6	30	1.0	18	0.3	4	1.3	SMA	108*63*10
SHPD8-2000-6000-30-N	2-6	30	1.2	20	0.4	4	1.3	N	200*60*20

*Dimensions do not include connectors.

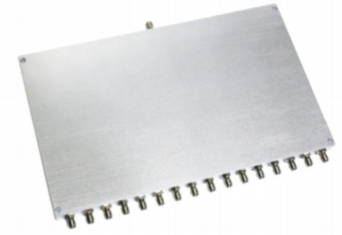
ELECTRICAL CHARACTERISTICS:

Model	Freq (GHz)	Power (W)	Insertion Loss (dB,max.)	Isolation (dB,min.)	Amplitude Balance ($\pm$ dB,max.)	Phase Balance ($\pm$ °,max.)	VSWR (max.)	Connector	Dimensions (mm)
SHPD8-2000-8000-30-S	2-8	30	1.5	18	0.4	5	1.35	SMA	108*63*10
SHPD8-2000-10000-30-S	2-10	30	2.0	18	0.4	4	1.4	SMA	110*80*10
SHPD8-2000-18000-20-S	2-18	20	3.2	16	0.5	10	1.6	SMA	148.5*95*10
SHPD8-2000-26500-20-S	2-26.5	20	3.2	16	0.8	10	1.9	SMA	123.5*88*10
SHPD8-2000-26500-20-K	2-26.5	20	3.2	16	0.8	10	1.9	2.92mm	123.5*88*10
SHPD8-2400-6000-30-S	2.4-6	30	1.5	20	0.4	4	1.35	SMA	108*63*10
SHPD8-3000-13000-20-S	3-13	20	2.0	18	0.4	6	1.4	SMA	188*98*10
SHPD8-4000-6000-30-S	4-6	30	1.2	18	0.4	4	1.4	SMA	108*63*10
SHPD8-4000-8000-30-S	4-8	30	0.8	18	0.3	5	1.35	SMA	112*56*12
SHPD8-4000-12000-20-S	4-12	20	1.5	18	0.2	4	1.5	SMA	110*82*10
SHPD8-4900-5900-30-S	4.9-5.9	30	0.8	20	0.3	3	1.3	SMA	108*63*10
SHPD8-5000-12000-20-S	5-12	20	1.2	18	0.5	5	1.4	SMA	104*55*10
SHPD8-6000-12000-20-SM	6-12	20	1.5	18	0.4	5	1.5	SMA	106*60*10
SHPD8-6000-18000-50-S	6-18	50	2.4	17	0.5	8	1.8	SMA	191*63*10
SHPD8-6000-43500-20-K	6-43.5	20	3.2	15	0.5	8	2.2	2.92mm	104*40*10
SHPD8-8000-12000-20-S	8-12	20	1.4	18	0.4	5	1.4	SMA	122.5*57.5*10
SHPD8-9000-11000-20-S	9-11	20	1.2	18	0.4	5	1.4	SMA	122.5*57.5*10
SHPD8-9000-45000-R1-2	9-45	0.1	7.0	15	1	20	1.4	2.4mm	120*40*12.7
SHPD8-18000-40000-20-K	18-40	20	3.2	16	0.5	8	1.7	2.92mm	104*40*10
SHPD8-18600-26500-20-K	18.6-26.5	20	2.4	15	0.6	6	1.8	2.92mm	104*40*10
SHPD8-50000-66000-R1	50-66	0.1	6.0	15	1	20	1.4	WR-15	180*50*20

*Dimensions do not include connectors.

Sixteen-channel Power Divider / Combiner

Operating Temperature: -35 – +75 °C Characteristic Impedance: 50 Ω



ELECTRICAL CHARACTERISTICS:

Model	Freq (GHz)	Power (W)	Insertion Loss (dB,max.)	Isolation (dB,min.)	Amplitude Balance (± dB,max.)	Phase Balance (± °,max.)	VSWR (max.)	Connector	Dimensions (mm)
SHPD16-0-3000-2-S	DC-3	2	24 ± 2.5	24	1.5	-	1.4	SMA	81.3*80.9*16
SHPD16-5-300-1-S	0.005-0.3	1	2.7	18	0.9	15	1.5	SMA	50*209*10
SHPD16-5-1000-2-S	0.005-1		24 ± 2.0	24	1.2	-	1.3	SMA	81.3*80.9*16
SHPD16-50-1000-1-S	0.05-1	2	3.7	18	0.9	15	1.5	SMA	50*209*10
SHPD16-98-102-30-N	0.098-0.102	1	1.2	20	0.3	3	1.2	N	420*196*20
SHPD16-200-2000-30-NS	0.2-2	30	3.5	20	0.2	2	1.5	SMA,N	160*370*20
SHPD16-260-460-20-S	0.26-0.46	30	1.5	20	0.3	4	1.25	SMA	300*138*14
SHPD16-300-4000-30-S	0.3-4	20	4.0	18	0.4	6	1.45	SMA	236*176*12
SHPD16-380-6000-30-S	0.38-6	30	6.0	18	0.5	8	1.5	SMA	232*180*12
SHPD16-380-6000-30-N	0.38-6	30	6.8	18	0.5	8	1.5	N	388*180*20
SHPD16-400-6000-30-S	0.4-6	30	5.0	18	0.5	8	1.5	SMA	160*232*12
SHPD16-500-3000-50-S	0.5-3	30	3.0	18	1	15	1.6	SMA	217*125*12
SHPD16-500-3000-50-N	0.5-3	50	3.0	18	1	15	1.6	N	386*125*18
SHPD16-500-6000-30-S	0.5-6	50	4.8	20	0.5	8	1.5	SMA	236*150*12
SHPD16-500-6000-30-N	0.5-6	30	4.8	18	0.5	8	1.5	N	388*150*20
SHPD16-600-2000-30-S	0.6-2	30	1.4	20	0.2	2	1.3	SMA	102*218*12
SHPD16-600-3000-30-N	0.6-3	30	2.2	20	0.4	6	1.4	N	113*218*20
SHPD16-600-6000-30-S	0.6-6	30	4.5	18	0.4	6	1.5	SMA	140*232*12
SHPD16-700-3000-30-S	0.7-3	30	1.4	20	0.3	5	1.4	SMA	212*104*12
SHPD16-700-3000-30-N	0.7-3	30	1.8	20	0.4	6	1.4	N	388*110*20
SHPD16-700-4000-30-S	0.7-4	30	2.4	18	0.4	8	1.4	SMA	232*110*12
SHPD16-700-4000-30-T	0.7-4	30	2.2	20	0.4	6	1.4	TNC	388*110*20
SHPD16-700-6000-30-N	0.7-6	30	3.8	18	0.5	8	1.5	N	388*110*20
SHPD16-700-6000-30-T	0.7-6	30	3.5	20	0.5	-	-	TNC	388*110*20
SHPD16-800-5000-50-N	0.8-5	30	3.5	18	0.4	6	1.4	N	480*160*22
SHPD16-950-2150-30-S	0.95-2.15	50	1.2	25	0.3	4	1.3	SMA	90*214*12
SHPD16-1000-2000-30-S	1-2	30	1.2	25	0.3	4	1.3	SMA	90*214*12
SHPD16-1000-4000-30-SN	1-4	30	1.6	20	0.4	5	1.4	SMA,N	100*224*20
SHPD16-1000-6000-30-S	1-6	30	2.5	20	0.5	6	1.45	SMA	100*236*12
SHPD16-1000-18000-20-S	1-18	20	6.5	15	1.8	12	2	SMA	126*315.5*10
SHPD16-1100-1600-N	1.1-1.6	-	-	20	0.4	6	1.8	N	110*388*20
SHPD16-1500-5000-30-S	1.5-5	30	2.0	18	0.2	2	1.3	SMA	218*80*12
SHPD16-2000-3000-30-S	2-3	30	1.2	20	0.2	2	1.3	SMA	212*67*10
SHPD16-2000-4000-30-S	2-4	30	0.6	18	0.3	5	1.35	SMA	215*130*10

*Dimensions do not include connectors.

ELECTRICAL CHARACTERISTICS:

Model	Freq (GHz)	Power (W)	Insertion Loss (dB,max.)	Isolation (dB,min.)	Amplitude Balance ($\pm$ dB,max.)	Phase Balance ($\pm$ °,max.)	VSWR (max.)	Connector	Dimensions (mm)
SHPD16-2000-4000-50-S	2-4	50	0.6	16	3	5	1.35	SMA	241*164*10
SHPD16-2000-6000-30-S	2-6	30	2.0	18	0.2	2	1.3	SMA	218*80*12
SHPD16-2000-18000-20-S	2-18	20	5.0	15	0.7	10	2	SMA	120*215*10
SHPD16-2490-2690-30-S	2.49-2.69	30	1.0	20	0.3	4	1.25	SMA	70*212*12
SHPD16-2610-3000-30-S	2.61-3	30	1.0	20	0.3	4	1.3	SMA	67*212*12.5
SHPD16-5000-12000-20-S	5-12	20	4.0	16	0.7	10	1.8	SMA	82*215*10
SHPD16-5000-18000-20-S	5-18	20	5.0	15	0.7	10	2	SMA	120*215*10
SHPD16-6000-18000-20-S	6-18	20	1.8	17	0.8	4	1.6	SMA	60*212*10
SHPD16-8000-12000-20-S	8-12	20	1.8	18	0.5	6	1.5	SMA	212*85*10

*Dimensions do not include connectors.

Other Power Divider / Combiner

Operating Temperature: -35 – +75 °C Characteristic Impedance: 50 Ω



ELECTRICAL CHARACTERISTICS:

Model	Channel	Freq (GHz)	Power (W)	Insertion Loss (dB,max.)	Isolation (dB,min.)	Amplitude Balance (± dB,max.)	Phase Balance (± °,max.)	VSWR (max.)	Connector	Dimensions (mm)
SHPD5-0-3000-2-S	5	DC-3	2	15.0 ± 1	15	0.6	—	1.25	SMA	25.4*29.3*16
SHPD5-2000-4000-20-S		2-4	20	.0	18	0.8	8	1.3	SMA	100*80*12
SHPD10-500-6000-30-S	10	0.5-6	30	5.8	18	1.5	12	1.5	SMA	200*150*12
SHPD10-600-6000-30-S		0.6-6	30	3.5	18	0.8	12	1.5	SMA	150*148*12
SHPD10-2000-30-S		2	30	0.8	20	0.2	2	1.3	SMA	130*150*12
SHPD11-0-1000-2-N	11	DC-1	2	20.0 ± 1.5	20	0.5	—	1.3	N	78.4*78.4*18
SHPD12-0-5000-2-S	12	DC-5	2	21.6 ± 2	20	2	—	1.5	SMA	62.2*61.8*16
SHPD12-240-30-S		0.24	30	0.8	20	0.5	4	1.3	SMA	280*152*14
SHPD12-500-8000-20-S		0.5-8	20	5.0	16	1.2	12	1.6	SMA	286*180*12
SHPD12-600-6000-30-S		0.6-6	30	5.0	18	1	12	1.5	SMA	180*178*12
SHPD12-700-6000-30-S		0.7-6	30	4.3	16	1	20	1.6	SMA	272*106*10
SHPD12-1000-2000-30-N		1-2	30	1.5	20	0.5	6	1.4	N	300*100*20
SHPD12-2000-6000-30-S		2-6	30	2.2	18	0.8	10	1.5	SMA	156*92*10
SHPD12-2000-8000-30-S		2-8	30	1.6	18	0.6	6	1.45	SMA	156*92*10
SHPD12-2000-18000-20-S		2-18	20	4.2	15	0.8	12	2	SMA	230*120*10
SHPD12-4900-5200-30-S		4.9-5.2	30	1.0	20	0.6	3	1.4	SMA	156*92*10
SHPD12-5000-6000-20-S		5-6	20	1.6	20	0.25	5	1.22	SMA	156*92*10
SHPD12-5800-20-S		5.8	20	1.6	20	0.5	6	1.4	SMA	156*92*10
SHPD12-6000-18000-20-S		6-18	20	2.0	16	0.6	8	1.8	SMA	154*76*10
SHPD12-8000-12000-20-S		8-12	20	1.5	16	0.6	8	1.7	SMA	154*76*10
SHPD18-700-4000-30-S	18	0.7-4	30	3.0	18	1	12	1.5	SMA	264*263*14
SHPD18-900-1300-30-S		0.9-1.3	30	1.0	18	0.5	3	1.5	SMA	210*263*14
SHPD18-1000-2000-30-S		1-2	30	2.4	18	0.1	12	1.5	SMA	185*263*14
SHPD24-20-480-1-S	24	0.02-0.48	1	2.4	16	1	12	1.6	SMA	348*115*14
SHPD24-315433-30-S		0.315-0.433	30	1.2	20	0.8	8	1.4	SMA	498*164*14
SHPD24-1300-1600-20-S		1.3-1.6	20	1.4	20	0.5	6	1.35	SMA	348*115*14
SHPD32-400-490-30-S	32	0.4-0.49	30	1.6	22	0.3	3	1.25	SMA	482*185*15
SHPD32-700-3000-30-S		0.7-0.3	30	2.0	18	0.4	5	1.4	SMA	427*120*12
SHPD32-700-4000-K1-N		0.7-4	100	2.8	18	0.5	8	1.5	N	580*444*20
SHPD32-1000-2000-30-S		1-2	30	1.4	18	0.5	5	1.4	SMA	456*90*14
SHPD32-1000-4000-K1-N		1-4	100	2.2	18	0.5	8	1.5	N	580*444*20

*Dimensions do not include connectors.