

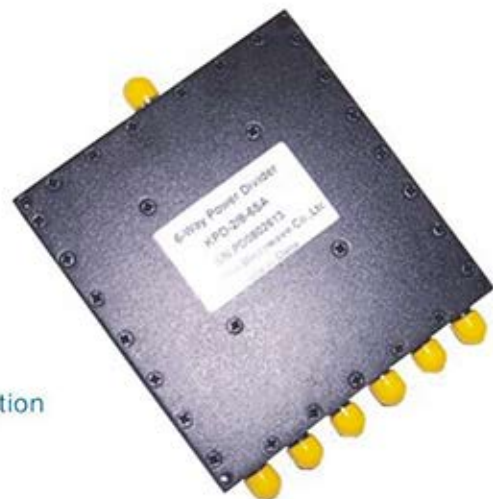
Stripline Power Divider

Features

Miniaturization, Compact structure ,High quality

High isolation, Low insertion loss and VSWR

Suitable for the indoor coverage system of cellular mobile communication



Specifications

Part Number	Frequency Range	Way	Insertion Loss	VSWR	Isolation	Connector Type
KPD-70/960-2N	70-960MHz	2	≤3.8 dB	≤1.50: 1	≥18 dB	N-F 50 Ω
KPD-150/900-3N	150-900MHz	3	≤2 dB	≤1.6: 1	≥16dB	N-F 50 Ω
KPD-150/900-4N	150-900MHz	5	≤1.5 dB	≤1.6: 1	≥16dB	N-F 50 Ω
KPD-0.8/3-8N	800-3000MHz	8	≤2.0dB	≤1.6: 1	≥18dB	N-F 50 Ω
KPD-2.4/5.8-2N	2400-5800MHz	2	≤0.8dB	≤1.4: 1	≥18dB	N-F 50 Ω
KPD-0.5/6-2AS	500-6000MHz	2	≤0.8 dB	≤1.45: 1	≥18dB	SMA-F 50 Ω
KPD-0.5/6-4S	500-6000MHz	4	≤2.8dB	≤1.8: 1	≥15dB	SMA-F 50 Ω
KPD-0.5/6-8S	500-6000MHz	8	≤3.5 dB	≤1.8: 1	≥15 dB	SMA-F 50 Ω
KPD-0.8/3-16S	800-3000MHZ	16	≤2.5dB	≤1.60: 1	≥18dB	SMA-F 50 Ω
KPD-1/2-5S	1000-2000MHz	5	≤7.8dB	≤1.5: 1	≥15dB	SMA-F 50 Ω
KPD-1/4-3AS	1000-4000MHZ	3	≤1.2dB	≤1.40: 1	≥18dB	SMA-F 50 Ω
KPD-1/4-6AS	1000-4000MHZ	6	≤2.2dB	≤1.50: 1	≥18dB	SMA-F 50 Ω
KPD-1/12.4-2S	1000-12400MHz	2	≤2.0 dB	≤1.5: 1	≥16dB	SMA-F 50 Ω
KPD-2/6-3S	2000-6000MHZ	3	≤1.3dB	≤1.45: 1	≥18dB	SMA-F 50 Ω
KPD-2/6-6S	2000-6000MHZ	6	≤1.8dB	≤1.50: 1	≥18dB	SMA-F 50 Ω
KPD-2/8-6S	2000-8000MHZ	6	≤1.8dB	≤1.50: 1	≥18dB	SMA-F 50 Ω
KPD-2/8-8S	2000-8000MHZ	8	≤1.9dB	≤1.40: 1	≥18dB	SMA-F 50 Ω
KPD-2/8-16S	2000-8000MHZ	16	≤3.0dB	≤1.50: 1	≥16dB	SMA-F 50 Ω
KPD-2/9-2S	2000-9000MHZ	2	≤0.88 dB	≤1.6: 1	≥18dB	SMA-F 50 Ω
KPD-7.0/8.6-2S	7000-8600MHZ	2	≤1.5 dB	≤1.40: 1	≥18 dB	SMA-F 50 Ω
KPD-6/18-2AS	6000-18000MHZ	2	≤1.0dB	≤1.50: 1	≥18dB	SMA-F 50 Ω
KPD-8/18-3S	8000-18000MHZ	3	≤2.2dB	≤1.60: 1	≥16dB	SMA-F 50 Ω
KPD-2/18-2AS	2000-18000MHZ	2	≤1.6dB	≤1.60: 1	≥15dB	SMA-F 50 Ω
KPD-2/18-4AS	2000-18000MHZ	4	≤3.0dB	≤1.80: 1	≥15dB	SMA-F 50 Ω

800-2500MHz Series Stripline Power Divider

Features

Miniaturization, Compact structure, High quality

High isolation, Low insertion loss and VSWR

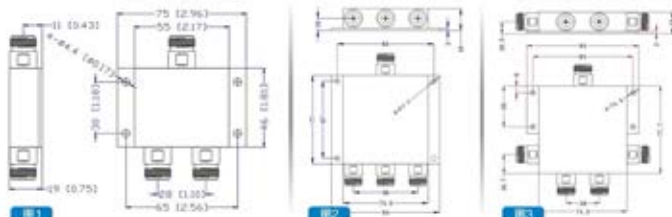
Suitable for the indoor coverage system of cellular mobile communication



Specifications

Part Number	KPD-M2-N(S)	KPD-M3-N(S)	KPD-M4-N(S)
Frequency Range	800-2500MHZ	800-2500MHZ	800-2500MHZ
Insertion Loss	≤0.4dB	≤0.6dB	≤0.7dB
Amplitude Balance	±0.2dB	±0.35dB	±0.35dB
VSWR	≤1.25 : 1	≤1.3 : 1	≤1.3 : 1
Isolation	≥22dB	≥22dB	≥22dB
Power Handling	50 W	50 W	50 W
Connector type	N-Female(SMA-F)	N-Female(SMA-F)	N-Female(SMA-F)
Configuration	Figure 1	Figure 2	Figure 3

Drawings



Resistive Power Divider

Features

Miniaturization, Compact structure, High quality

High isolation, Low insertion loss and VSWR

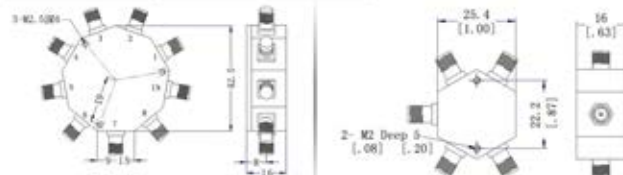
Suitable for the indoor coverage system of cellular mobile communication



Specifications

Part Number	Frequency Range	Way	Insertion Loss	VSWR	Connector type	Power Handling
KPD-DC2-2S	DC-2000MHZ	2	≤6.0±0.5dB	≤1.3:1	SMA-F 50Ω	1 Watt
KPD-DC2-2N	DC-2000MHZ	2	≤6.0±0.5dB	≤1.4:1	N-F 50Ω	2 Watt
KPD-DC2-3N	DC-2000MHZ	3	≤9.5±0.5dB	≤1.4:1	N-F 50Ω	2 Watt
KPD-DC2-4S	DC-2000MHZ	4	≤12±0.5dB	≤1.3:1	SMA-F 50Ω	1 Watt
KPD-DC2-5N	DC-2000MHZ	5	≤14±0.5dB	≤1.4:1	N-F 50Ω	2 Watt
KPD-DC3-2S	DC-3000MHZ	2	≤6 dB±0.4dB	≤1.1:1	SMA-F 50Ω	5 Watt
KPD-DC3-3N	DC-3000MHZ	3	≤9.5±0.8dB	≤1.5:1	N-F 50Ω	2 Watt
KPD-DC3-5N	DC-3000MHZ	5	≤14±1.2dB	≤1.4:1	N-F 50Ω	2 Watt
KPD-DC3-8S	DC-3000MHZ	8	≤18 dB±1.5dB	≤1.5	SMA-F 50Ω	2 Watt
KPD-DC6-2S	DC-6000MHZ	2	≤0.0±0.9dB	≤1.4:1	SMA-F 50Ω	5 Watt
KPD-DC900-15N	DC-900MHZ	15	≤23.5±1.6dB	≤1.3:1	N-F 50Ω	1 Watt

Drawings



Stripline Directional Coupler

Features

RoHS compliant and ISO9001; 2008 Certificate

High isolation, Low insertion loss and VSWR

Specifications can be made according to the customers' requirements



Specifications

Part Number	Frequency Range	Insertion Loss	Directivity	VSWR	Coupling	Power	Connector type
KDC-70/500-10N	70-500MHz	≤0.9dB	≥15dB	≤1.3:1	10±1dB	100 Watt	N-F 50 Ω
KDC-70/500-20N		≤0.5dB	≥14dB	≤1.3:1	20±1.5dB	100 Watt	
KDC-160-20T	135-185 MHz	≤0.7dB	≥20 dB	≤1.3:1	20±1 dB	50W	TNC-F 50 Ω
KDC-150/300-10N	150-300MHz	≤0.9dB	≥20dB	≤1.3:1	10±1dB	50W	N-F 50 Ω
KDC-450/470-10N	450-470 MHz	≤0.9dB	≥20 dB	≤1.2:1	10±1 dB	50W	N-F 50 Ω
KDC-2,4/5,8-10N	2400-5800MHz	≤1.3dB	≥15dB	≤1.6:1	10±1dB	50W	N-F 50 Ω
KDC-1/4-6S	1000-4000MHz	≤1.8 dB	≥18	≤1.35:1	6±1.0	30 Watt	SMA-F 50 Ω
KDC-1/4-10S		≤0.9 dB	≥18	≤1.35:1	10±1.0	30 Watt	
KDC-1/2-6S	1000-2000MHz	≤1.8 dB	≥20	≤1.3:1	6±0.7	30 Watt	SMA-F 50 Ω
KDC-1/2-10S		≤0.9 dB	≥20	≤1.3:1	10±0.7	30 Watt	
KDC-2/4-6S	2000-4000MHz	≤1.8 dB	≥20	≤1.3:1	6±1.0	30 Watt	SMA-F 50 Ω
KDC-2/4-10S		≤0.9 dB	≥20	≤1.3:1	10±1.0	30 Watt	
KDC-2/8-10S	2000-8000MHz	≤1.0 dB	≥18	≤1.3:1	10±1	50 Watt	SMA-F 50 Ω
KDC-2/8-20S	2000-8000MHz	≤0.5 dB	≥18	≤1.3:1	20±1	10 Watt	SMA-F 50 Ω
KDC-0,4/6-10S	400-6000MHz	≤1.2 dB	≥15	≤1.3:1	10±1.2	30 Watt	SMA-F 50 Ω
KDC-0,4/12-10S	400-12000MHz	≤2.0 dB	≥15	≤1.6:1	10±1.2	30 Watt	SMA-F 50 Ω
KDC-1/18-10S	1000-18000MHz	≤1.5 dB	≥10	≤1.65:1	10±1.5	10 Watt	SMA-F 50 Ω
KDC-2/18-6S	2000-18000MHz	≤2.5 dB	≥12	≤1.5:1	6±1	50 Watt	SMA-F 50 Ω
KDC-2/18-10S	2000-18000MHz	≤2dB	≥12	≤1.5:1	10±1	50 Watt	SMA-F 50 Ω
KDC-2/18-15S	2000-18000MHz	≤1.8 dB	≥12	≤1.5:1	15±1	50 Watt	SMA-F 50 Ω
KDC-4/18-30S	4000-18000MHz	≤1.0 dB	≥14	≤1.5:1	30±1.5	50 Watt	SMA-F 50 Ω
KDC-6/18-10S	6000-18000MHz	≤2 dB	≥15	≤1.5:1	10±1	10 Watt	SMA-F 50 Ω

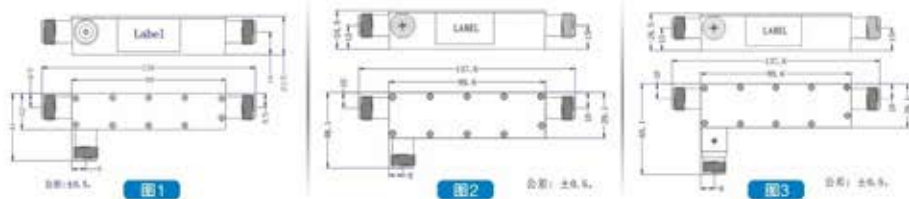
Integrated Cavity Directional Coupler



Specifications

Part Number	Frequency Range	Coupling	Insertion Loss	Directivity	VSWR	Power	Connector	PIM3	Configuration
KDQ-0.8/2.5-5NA	800-2500MHz	5 ± 0.5dB	≤ 2.0dB	≥ 20dB	≤ 1.25dB	200W	N-K	≤ -140dbc	Figure 1
KDQ-0.8/2.5-6NA	800-2500MHz	6 ± 0.5dB	≤ 1.6dB	≥ 20dB	≤ 1.25dB	200 W	N-K	≤ -140dbc	Figure 1
KDQ-0.8/2.5-7NA	800-2500MHz	7 ± 0.5dB	≤ 1.3dB	≥ 20dB	≤ 1.25dB	200 W	N-K	≤ -140dbc	Figure 1
KDQ-0.8/2.5-10NA	800-2500MHz	10 ± 0.8dB	≤ 0.8dB	≥ 20dB	≤ 1.25dB	200 W	N-K	≤ -140dbc	Figure 1
KDQ-0.8/2.5-15NA	800-2500MHz	15 ± 1dB	≤ 0.4dB	≥ 20dB	≤ 1.25dB	200 W	N-K	≤ -140dbc	Figure 2
KDQ-0.8/2.5-20NA	800-2500MHz	20 ± 1dB	≤ 0.2dB	≥ 20dB	≤ 1.25dB	200 W	N-K	≤ -140dbc	Figure 2
KDQ-0.8/2.5-25NA	800-2500MHz	25 ± 1dB	≤ 0.2dB	≥ 20dB	≤ 1.25dB	200 W	N-K	≤ -140dbc	Figure 3
KDQ-0.8/2.5-30NA	800-2500MHz	30 ± 1dB	≤ 0.2dB	≥ 20dB	≤ 1.25dB	200 W	N-K	≤ -140dbc	Figure 3
KDQ-0.8/2.5-40NA	800-2500MHz	40 ± 1dB	≤ 0.2dB	≥ 20dB	≤ 1.25dB	200 W	N-K	≤ -140dbc	Figure 3

Drawings



Base Station Coupler



Specifications

型号 Part Number	工作频率 Frequency Range	耦合度 Coupling(dB)	插入损耗 Insertion Loss	方向性 Directivity	驻波比 VSWR	功率容 Power Handling	外形尺寸 不含接头部分 Size
KDQ-0.8/2.5-30N	800-2500MHz	30 ± 1.2dB	≤ 0.4 dB	≥ 20 dB	≤ 1.3	200	108 × 38 × 43mm
KDQ-0.8/2.5-35N	800-2500MHz	35 ± 1.2dB	≤ 0.4 dB	≥ 20 dB	≤ 1.3	200	108 × 38 × 43mm
KDQ-0.8/2.5-40N	800-2500MHz	40 ± 1.2dB	≤ 0.4 dB	≥ 20 dB	≤ 1.3	200	98 × 22 × 23.5mm
KDQ-0.8/2.5-50N	800-2500MHz	50 ± 1.2dB	≤ 0.4 dB	≥ 20 dB	≤ 1.3	200	98 × 22 × 23.5mm

Drawings

