

POWER DIVIDERS

0° : 6-WAY

SURFACE MOUNT

212

124SL

FREQUENCY RANGE (MHz)	ISOLATION (dB)			INSERTION LOSS (dB)			PHASE UNBALANCE (Degrees)			AMPLITUDE UNBALANCE (dB)			PACKAGE	PIN-OUT (See Below)	MODEL
	LB TYP/MIN	MB TYP/MIN	UB TYP/MIN	LB TYP/MAX	MB TYP/MAX	UB TYP/MAX	LB MAX	MB MAX	UB MAX	LB MAX	MB MAX	UB MAX			
1-100	30/25	28/25	25/23	0.5/0.8	0.7/1.0	0.7/1.2	2.0	4.0	8.0	0.2	0.3	0.5	124SL	1	DFS-9B1
1-175	30/24	26/18	26/18	0.5/0.8	0.7/1.0	1.0/1.5	4.0	6.0	12	0.2	0.4	0.8	124SL	1	DFS-9H2
5-200	30/25	28/23	25/20	0.4/0.7	0.5/0.8	0.8/1.2	2.0	3.0	4.0	0.2	0.3	0.4	124SL	1	DFS-902
5-500	30/20	25/20	25/20	0.5/0.8	0.7/0.8	0.8/1.4	3.0	4.0	6.0	0.3	0.5	0.7	124SL	1	DFS-903
1600-2200	--/--	--/--	25/20	--/--	--/--	0.6/0.8	--	--	6.0	--	--	0.5	212	3	DFS-1600†

THROUGH HOLE MOUNT(16 -Pin)

FREQUENCY RANGE (MHz)	ISOLATION (dB)			INSERTION LOSS (dB)			PHASE UNBALANCE (Degrees)			AMPLITUDE UNBALANCE (dB)			PACKAGE	PIN-OUT (See Below)	MODEL
	LB TYP/MIN	MB TYP/MIN	UB TYP/MIN	LB TYP/MAX	MB TYP/MAX	UB TYP/MAX	LB MAX	MB MAX	UB MAX	LB MAX	MB MAX	UB MAX			
1-100	30/25	28/25	25/23	0.5/0.8	0.7/1.0	0.7/1.2	2.0	4.0	8.0	0.2	0.3	0.5	124	2	DFP-9B1
1-175	30/24	26/18	26/18	0.5/0.8	0.7/1.0	1.0/1.5	4.0	6.0	12	0.2	0.4	0.8	124	2	DFP-9H2
5-200	30/25	28/23	25/20	0.4/0.7	0.5/0.8	0.8/1.2	2.0	3.0	4.0	0.2	0.3	0.4	124	2	DFP-902
5-500	30/20	25/20	25/20	0.5/0.8	0.7/0.8	0.8/1.4	3.0	4.0	6.0	0.3	0.5	0.7	124	2	DFP-903

COAXIAL CONNECTOR

142

180

FREQUENCY RANGE (MHz)	ISOLATION (dB)			INSERTION LOSS (dB)			PHASE UNBALANCE (Degrees)			AMPLITUDE UNBALANCE (dB)			PACKAGE	PIN-OUT (See Below)	MODEL
	LB TYP/MIN	MB TYP/MIN	UB TYP/MIN	LB TYP/MAX	MB TYP/MAX	UB TYP/MAX	LB MAX	MB MAX	UB MAX	LB MAX	MB MAX	UB MAX			
5-200	30/25	28/23	25/20	0.4/0.7	0.5/0.8	0.8/1.2	2.0	3.0	4.0	0.2	0.3	0.4	142	3	DFK-702S
5-500	26/23	30/23	25/20	0.4/0.7	0.6/0.9	1.2/1.6	2.0	4.0	7.0	0.2	0.3	0.4	142	3	DFK-703S
800-1000	--/--	--/--	30/20	--/--	--/--	1.4/1.8	-	-	8.0	-	-	0.8	180	3	DFK-764S†

Power Rating (All Models) = 1 Watt, max

† (UB) - Denotes full bandwidth specification

For pin location and package outline drawings, see back pages.

PIN-OUT TABLE

	INPUT	OUTPUT	CASE GROUND	NOT USED
#1	1	3,4,8,12,15,16	2, 5,9,13,14	
#2	1	3,4,8,12,15,16	2,5,7,11,13,14	6,9,10
#3	1	2,3,4,5,6,7	All others	-

LB = LF to 10 LF
MB = 10 LF to HF/2
UB = HF/2 to HF