

180° HYBRIDS



3 - PORT

COAXIAL CONNECTOR

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			
0.01-20	25/20	30/25	27/23	0.5/0.8	0.3/0.5	0.5/0.7	2	2	2	0.2	0.2	0.2	110	1	DJK-701*
5-200	30/25	30/25	30/25	1.0/1.2	1.0/1.2	1.0/1.4	2	3	4	0.1	0.2	0.2	110	1	DJK-703*
5-400	28/23	28/23	25/20	0.9/1.4	1.2/1.7	1.7/2.0	1.5	3	6	0.3	0.4	0.5	110	1	DJK-704*
50 -1000	23/15	20/15	18/12	1.9/2.8	2.3/2.8	2.5/2.8	5	7	10	0.5	0.7	1.0	110	1	DJK-706*



4 - PORT

COAXIAL CONNECTOR

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			
2-200	30/25	28/23	25/20	0.5/0.9	0.7/1.0	0.8/1.2	1	2	3	0.1	0.2	0.3	113	2	DJK-702*
2-400	22/18	23/18	20/15	1.4/1.8	1.2/2.0	1.6/2.5	1	3	5	0.1	0.2	0.3	113	2	DJK-705*

*Select Connector Suffix: "B" = BNC, "S" = SMA, "N" = TYPE N, "T" =
TNC
Power Rating (All Models) = 1 Watt, max
Impedance is 50 Ohms.
For pin location and package outline drawings, see back pages.

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

PIN-OUT TABLE

	INPUT	0° OUTPUT	180° OUTPUT	ISOLATED*	GROUND
#1	2	1	3	-	-
#2	1	2	4	3	-

*Terminate Isolated Port in 50 Ohms
GROUND = Ground externally