

HRS HDH Hybrids, Directional Couplers

3dB Hybrids, and 6 to 49dB Directional Couplers with SMA Connector

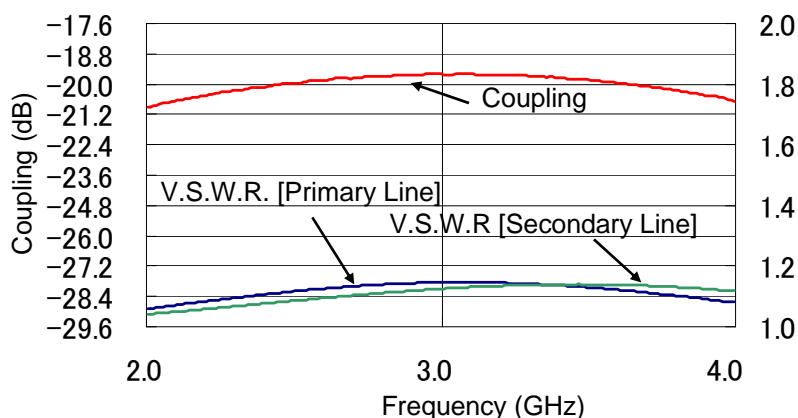
◆ Features

1. Couplers have wide range of variations from 3dB to 49dB.
2. The high frequency performance is extremely good with low loss, high degree of matching and high isolation.
3. RoHS Compliant.



◆ RF performance

HDH-03020GID



◆ Varieties (Typical example of this series)

Part Number	Frequency Range (GHz)	Coupling (dB)	Insertion Loss (dB MAX)	Directivity (dB MIN)	V.S.W.R. (MAX)	Power (W)
HDH-06003GHD(40)	4.0~7.8	3~3.3	—	17	1.25	2
HDH-09003GHD(40)	8.0~11.0	3~3.3	—	15	1.30	2
HDH-12803CHD(40)	10.5~14.5	3~3.6	—	12	1.40	2
HDH-06010GID(40)	4.0~7.8	8.8~11.2	0.5	17	1.25	10
HDH-06020GID(40)	4.0~7.8	18.8~21.2	0.5	17	1.25	50
HDH-09006GID(40)	8.0~11.0	4.8~7.2	0.5	15	1.30	4
HDH-09010GID(40)	8.0~11.0	8.8~11.2	0.5	15	1.30	10
HDH-09020GID(40)	8.0~11.0	18.0~22.0	0.5	13	1.30	10
HDH-12806CID(40)	10.5~14.5	5.0~7.0	0.85	15	1.35	4
HDH-12810CID(40)	10.5~14.5	8.75~11.25	0.65	15	1.35	10
HDH-12820CID(40)	10.5~14.5	18.75~21.25	0.6	15	1.35	50

◆ Application:

Base Station and other high frequency applications

Specifications herein are subject to change without notice. Contact Hirose for latest specifications, drawings, or availabilities.