

Bi-Directional Couplers Market - Global Outlook and Forecast 2022-2028

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Abstracts

A bi-directional coupler is a type of RF coupler where the input and output ports are interchangeable. When port 1 is the input port, it works like a regular directional coupler. Port 1 is the input port, port 2 is the output port, port 3 is the coupled port and port 4 is the isolated/terminated port. The power passes from the input port (port 1) to the output port (port 2) in transmission line 1. A portion of the power is coupled with transmission line 2, the amount of power coupled depends on the coupling value of the specific coupler. This coupled power is the output of port 3 (called the coupled port). Port 4 is usually terminated to 50 ohms (or to match the system impedance) to minimize any reflections within the system.

This report contains market size and forecasts of Bi-Directional Couplers in global, including the following market information:

Global Bi-Directional Couplers Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Bi-Directional Couplers Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Bi-Directional Couplers companies in 2021 (%)

The global Bi-Directional Couplers market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Up to 10 dB Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Bi-Directional Couplers include Amtery, BBTLine, Dyne Tech, Innovative Power Products, L3 Narda-MITEQ, MACOM, MCLI, Mini Circuits and Panda Microwave, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Bi-Directional Couplers manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Bi-Directional Couplers Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Bi-Directional Couplers Market Segment Percentages, by Type, 2021 (%)

Up to 10 dB

10 to 20 dB

20 to 30 dB

Global Bi-Directional Couplers Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Bi-Directional Couplers Market Segment Percentages, by Application, 2021 (%)

Commercial

Military

Space

Others

Global Bi-Directional Couplers Market, By Region and Country, 2017-2022, 2023-2028
(\$ Millions) & (K Units)

Global Bi-Directional Couplers Market Segment Percentages, By Region and Country,
2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Bi-Directional Couplers revenues in global market, 2017-2022
(Estimated), (\$ millions)

Key companies Bi-Directional Couplers revenues share in global market, 2021 (%)

Key companies Bi-Directional Couplers sales in global market, 2017-2022 (Estimated),
(K Units)

Key companies Bi-Directional Couplers sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Amtery

BBTLine

Dyne Tech

Innovative Power Products

L3 Narda-MITEQ

MACOM

MCLI

Mini Circuits

Panda Microwave

RF-Lambda

TRM Microwave

UMCC

Werlatone Inc

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