



# Global and China RF Coaxial Cable Industry Report, 2018-2022

December 2018

## **STUDY GOAL AND OBJECTIVES**

This report provides the industry executives with strategically significant competitor information, analysis, insight and projection on the competitive pattern and key companies in the industry, crucial to the development and implementation of effective business, marketing and R&D programs.

## **REPORT OBJECTIVES**

- ◆ To establish a comprehensive, factual, annually updated and cost-effective information base on market size, competition patterns, market segments, goals and strategies of the leading players in the market, reviews and forecasts.
- ◆ To assist potential market entrants in evaluating prospective acquisition and joint venture candidates.
- ◆ To complement the organizations' internal competitor information gathering efforts with strategic analysis, data interpretation and insight.
- ◆ To suggest for concerned investors in line with the current development of this industry as well as the development tendency.
- ◆ To help company to succeed in a competitive market, and

## **METHODOLOGY**

Both primary and secondary research methodologies were used in preparing this study. Initially, a comprehensive and exhaustive search of the literature on this industry was conducted. These sources included related books and journals, trade literature, marketing literature, other product/promotional literature, annual reports, security analyst reports, and other publications. Subsequently, telephone interviews or email correspondence was conducted with marketing executives etc. Other sources included related magazines, academics, and consulting companies.

## **INFORMATION SOURCES**

The primary information sources include Company Reports, and National Bureau of Statistics of China etc.

## Abstract

Benefitted from fast development of downstream sectors, and constant increase of category and technology requirement of RF coaxial cable from high-end equipment, the market size of RF coaxial cable swells year by year.

Take RF coaxial cable for mobile communications as example: global telecom market now still puts its focus on building 4G network, although few developed countries are about to finish 4G network construction, and many others however are still building. America, Japan, South Korea and China also have started pilots to test 5G network. Therefore, the demand for RF coaxial cable for mobile communication grows fast. It was predicted that in 2018 the market would be valued at USD6.51 billion.

China has built the world's largest 4G network. As of 2017, the total number of mobile network users in China reached approximately 1.417 billion, including about 997 million 4G network users with a penetration rate of 70.4%. The construction of 4G network has driven and accelerated the infrastructure of mobile communications. As of September 2018, the number of mobile communication base stations in China had hit 6.39 million, of which 4.79 million or 74.9% were 3G/4G base stations.

With the full deployment of 4G, the launch of 5G trials and the upcoming 5G commercialization, the scale of Chinese RF coaxial cable market has expanded year by year. It is estimated that the market size will value RMB64.8 billion in 2017 and RMB70.9 billion in 2018 with a year-on-year growth rate of 9.4%.

Global communication RF cable market has a high concentration. Multinational corporations like Belden, Gore, Habia, Times, Nexans, Sumitomo and Hitachi are powerful in capital, technology, research and development and marketing, and are also sensitive to demand change and needs of technology upgrade, through which they dominate the market and remain very competitive.

RF coaxial cable companies in China mainly include Kingsignal, Hengxin Technology, Trigiant Group, Shengyang, Zhongtian RF Cable, Chengdu Zhongling Radio Communications, Shenyu Communication and Zhuhai Hansen Technology, etc. Among them, Shenyu Communication and Shengyang take relatively high capacity of 581,600 km and 420,000 km.

## Products and Capacity of Major RF Coaxial Cable Companies in China

	Major products	Capacity (1,000 km)
<b>Kingsignal</b>	CATV, semi-rigid, semi-flexible, phase-compensated, corrugated, KSR low loss, micro triax, high-grade flame-retardant coaxial cable, etc	350
<b>Hengxin Technology</b>	Common RF RF coaxial cable, super-flexible FR RF coaxial cable, high-frequency cable, high-temperature cable, leaky cable, etc	168
<b>Trigiant Group</b>	Common RF coaxial cable, super-flexible cable, leaky cable, fire-resistant soft cable for communication power, flame-retardant soft cable for communication power, etc	200
<b>Shengyang</b>	75Ω coaxial cable	420
<b>Zhongtian RF Cable</b>	RF coaxial cable for mobile communication, leaky coaxial cable, rail signal cable, high-temperature coaxial cable	72
<b>Chengdu Zhongling Radio Communications</b>	Feeder cable, jumper cable, leaky cable	--
<b>Shenyu Communication</b>	RF series micro RF coaxial cable, RG series RF coaxial cable in military standard, MCC series micro RF coaxial cable, AF high-temperature installation line, Semi-flexible & semi-rigid RF coaxial cable, Phase-compensated RF Coaxial cable	581.6 (the fund-raised project in 2018 will be put into operation )
<b>Zhuhai Hansen Technology</b>	CATV coaxial cable, 50Ω corrugated cable and leaky cable	240

Source: ResearchInChina

In future, accompanied by the prosperous development of 5G network, the constant upgrade of electronics products, automobile industry, medical care sector and Internet of Things, and increasing demand from electronics and aviation industry, RF coaxial cable industry will be greatly propelled. It is forecasted in future five years, the market size of RF coaxial cable industry in China will go up steadily, and hit RMB102.1 billion in 2022.

Global and China RF Coaxial Cable Industry Report, 2018-2022 highlights the followings:

- ◆RF coaxial cable market analysis, including development status, market size, competitive landscape in China and worldwide;
- ◆RF coaxial cable market segments (semi-flexible cable, low loss cable, corrugated cable, phase-compensated cable, and leaky cable) in China, including market demand and competitive landscape;
- ◆RF coaxial cable downstream industry development;
- ◆7 foreign and 10 Chinese companies (operation, revenue structure, gross margin, R&D and investment, RF coaxial cable business, development strategy, etc).

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##### 1.1.1 Definition

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