Research Report M-510-21 January 2021





Report No: M-510-21 January 2021

The World Telecom Connector Market 2020 - 2025 is Bishop & Associates newest research report. This nine chapter, 254-page, research report provides a detailed analysis of the connectors used in the six key telecom sub-sectors; enterprise equipment, wireless infrastructure, wireless subscriber, carrier network, cable/MSO network, and other telecom equipment. Connector statistics are provided by year, region, sub-sector, connector type and more than 60 different equipment types.



The drivers for connector sales into the telecom market are largely based on consumer behavior – consumers of Internet connectivity, data centers, and wireless applications. Today, everyone wants to be connected all the time, whether it is for work or leisure. As a result, this connection has increasingly becoming a wireless one.

Trends like this show how consumers will drive the need for updated mobile networks. In particular, upgraded mobile connection technology – 4G LTE, 5G and beyond, as well as enhanced Smartphones.

Questions addressed include:

- What factors will contribute to the IP centric trend?
- What factors are driving growth in the market?
- How is 5G changing the equipment landscape?
- Which region will show the greatest increase over the forecast period? Will any of the regions show a decline?
- Within the five primary telecom equipment categories, where is the greatest potential for growth. Which primary equipment category has the greatest potential to decline over the forecast period?
- Which connector types will benefit most significantly from an increase in telecom equipment sales? Will any connector types see a decrease in demand?

The following tables show examples of the type of tables and data provided in this report. This data is provided for connector sales by telecom sub-sector and by region for the years 2019 through 2025, with a five-year CAGR.

								5 Year
Category	2019	2020	2021	2022	2023	2024	2025	CAGR
Enterprise	\$XX	XX%						
Wireless Infrastructure	\$XX	XX%						
Wireless Subscriber	\$XX	XX%						
Carrier Network	\$XX	XX%						
Cable/MSO	\$XX	XX%						
Other	\$XX	XX%						
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	xx%

# Connector Telecom Sales by Primary Equipment Category 2019 through 2025

\$ Millions

## Connector Telecom Sales by Region 2019 through 2025

								5 Year
Region	2019	2020	2021	2022	2023	2024	2025	CAGR
North America	\$XX	XX%						
Europe	\$XX	XX%						
Japan	\$XX	XX%						
China	\$XX	XX%						
Asia Pacific	\$XX	XX%						
ROW	\$XX	XX%						
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	XX%

\$ Millions

The following table of contents shows the detail provided in this new report.

#### **Table of Contents**

#### Chapter 1 – Introduction

Objective Scope Telecommunications Markets Covered Plan of Report Methodology and Information Sources

#### Chapter 2 – Definitions

Telecom Equipment Detailed by Segment Enterprise Network Equipment Wireless Subscriber Equipment Includes Wireless Infrastructure Equipment Includes Carrier Network Equipment Cable/MSO Network Equipment Regions of the World Terms and Definitions

#### Chapter 3 – Executive Summary

Fixed and Mobile Broadband Subscriptions Telecom/Datacom Connector Sales 2020 - 2025 Telecom/Datacom Connector Sales by Equipment Sector 2019 - 2025 Telecom Market Sales by Region 2020 to 2025F Telecom Market Share by Region 2020 to 2025F Telecom Five-Year CAGR by Region 2020 to 2025 Telecom/Datacom Connector Sales by Connector Type 2019 - 2025 2020 and 2025 Connector Sales by Product Type

#### Chapter 4 – Enterprise Network Equipment

Market Overview

Enterprise Network Equipment Connector Sales 2020 to 2025 Enterprise Network Equipment Connector Sales by Region of the World 2019 to 2025 Enterprise Network Equipment Connector Sales 2020 to 2025

- Comparison by Region
- Enterprise Network Equipment Connector Sales Share of Market by Region of the World

Enterprise Equipment Overview

- Enterprise Network Equipment Connector Sales by Equipment Category
- Enterprise Network Equipment Connector Sales for Legacy Equipment
- Enterprise Network Equipment Connector Sales for Current Equipment
- Enterprise Network Equipment Connector Sales by Equipment Category 2020 vs 2025
- Connector Type Value Overview
- Total Enterprise Connector Sales by Connector Type (2019 2025)
- Connector Detail by Equipment Type (2020 vs 2025) Obsolete Equipment List
- IP Phones
- IP Phone Equipment Connector Sales by Connector Type
- IP Phone Equipment Connector Sales 2020 to 2025 Comparison by Connector Type

IP Communications Server

#### Chapter 4 – Enterprise Network Equipment (continued)

- IP Communication Server Equipment Connector Sales by Connector Type
- IP Communication Server Equipment Connector Sales 2020 to 2025 Comparison by Connector Type
- IP Gateways

IP Gateway Equipment Connector Sales by Connector Type Wireless Gateway

- Wireless Gateway Equipment Connector Sales by Connector Type
- Wireless Gateway Equipment Connector Sales 2020 to 2025 Comparison by Connector Type
- Modems, Broadband/DSL
- Broadband/DSL Modem Equipment Connector Sales by Connector Type
- Broadband/DSL Modem Equipment Connector Sales 2020 to 2025 Comparison by Connector Type
- ATM Switches
- ATM Switch Equipment Connector Sales by Connector Type 10/100 Mbps Switches
- 10/100 Mbps Switch Equipment Connector Sales by Connector Type
- 10/100 Mbps Switch Equipment Connector Sales 2020 to 2025 Comparison by Connector Type
- **GbE Switches**
- GbE Switch Equipment Connector Sales by Connector Type
- GbE Switch Equipment Connector Sales 2020 to 2025 Comparison by Connector Type
- SAN Switches
- SAN Switch Equipment Connector Sales by Connector Type
- SAN Switch Equipment Connector Sales 2020 to 2025
- Comparison by Connector Type Access Concentrators
- Enterprise Routers
- Enterprise Routers
- Enterprise Routers Equipment Connector Sales by Connector Type
- Enterprise Routers Equipment Connector Sales 2020 to 2025 Comparison by Connector Type
- Adapters/Converters
- Adapters/Converters Equipment Connector Sales by Connector Type
- Adapters/Converters Equipment Connector Sales 2020 to 2025 Comparison by Connector Type

Premise Wiring Apparatus

- Premise Wiring Equipment Connector Sales by Connector Type
- Premise Wiring Equipment Connector Sales 2020 to 2025 Comparison by Connector Type
- Other Enterprise

#### Chapter 5 – Wireless Infrastructure Equipment

Market Overview

- The Evolution of 5G
- Wireless Infrastructure Equipment Connector Sales 2020 to 2025
- Regional Perspective
- Wireless Infrastructure Equipment Percentage of Connector Sales by Region of the World

#### Chapter 5 – Wireless Infrastructure Equipment (continued)

- Wireless Infrastructure Equipment Connector Sales by Region of the World Wireless Infrastructure Equipment Connector Sales 2020 to 2025 Comparison by Region Connector Type Perspective Wireless Infrastructure Equipment Connector Sales by **Connector Type** Wireless Infrastructure Equipment Connector Sales 2020 to 2025 Comparison by Connector Type **Equipment Perspective** Wireless Infrastructure Equipment Connector Sales by Equipment Category Wireless Infrastructure Equipment Connector Sales 2020 to 2025 Comparison by Equipment Category Connector Detail by Equipment Type **Cell Site Apparatus** Cell Site Apparatus Equipment Connector Sales by Connector Type Cell Site Apparatus Equipment Connector Sales 2020 to 2025 Comparison by Connector Type Base Station Controller (BSC) BSC Equipment Connector Sales by Connector Type BSC Equipment Connector Sales 2020 to 2025 Comparison by Connector Type Class 5 Mobile Switch Center (MSC) IP Switch/Softswitch IP Softswitch Equipment Connector Sales by Connector Type IP Softswitch Equipment Connector Sales 2020 to 2025 Comparison by Connector Type Radio Network Controllers (RNCs) RNC Equipment Connector Sales by Connector Type RNC Equipment Connector Sales 2020 to 2025 Comparison by Connector Type MSC Transmission MSC Transmission Equipment Connector Sales by Connector Туре
- MSC Transmission Equipment Connector Sales 2020 to 2025 Comparison by Connector Type
- MSC Gateways
- MSC Gateway Equipment Connector Sales by Connector Туре
- **MW Antennas**
- Microwave Antenna Equipment Connector Sales by **Connector Type**
- Microwave Antenna Equipment Connector Sales 2020 to 2025 Comparison by Connector Type
- MW Couplers/Duplexers/Filters
- Microwave Couplers Equipment Connector Sales by Connector Type
- Microwave Couplers Equipment Connector Sales 2020 to 2025 Comparison by Connector Type
- MW Transceivers
- Microwave Transceiver Equipment Connector Sales by Connector Type
- Microwave Transceiver Equipment Connector Sales 2020 to 2025 Comparison by Connector Type
- **Microwave Power**
- Microwave Power Equipment Connector Sales by Connector Type
- Microwave Power Equipment Connector Sales 2020 to 2025 Comparison by Connector Type
- WLL Base Station Antennas
- WLL Antenna Equipment Connector Sales by Connector Type
- WLL Antenna Equipment Connector Sales 2020 to 2025 Comparison by Connector Type
- WLL Base Station Transceivers
- WLL BST Equipment Connector Sales by Connector Type WLL BST Equipment Connector Sales 2020 to 2025
- Comparison by Connector Type
- WLL Base Station Access
- Bishop & Associates Inc. Copyright © 2021

#### Chapter 5 – Wireless Infrastructure Equipment (continued)

- WLL Base Station Access Equipment Connector Sales by Connector Type
- WLL Base Station Access Equipment Connector Sales 2020 to 2025 Comparison by Connector Type
- WLL Residential Transceivers
- WLL Residential Transceiver Equipment Connector Sales by **Connector Type**
- WLL Residential Transceiver Equip Connector Sales 2020 to 2025 Comparison by Connector Type
- WLL Residential Gateways
- WLL Residential Gateway Equipment Connector Sales by Connector Type
- WLL Residential Gateway Equipment Connector Sales 2020 to 2025 Comparison by Connector Type
- Other Wireless
- Other Wireless Equipment Connector Sales by Connector Type
- Other Wireless Equipment Connector Sales 2020 to 2025 Comparison by Connector Type

#### Chapter 6 – Wireless Subscriber Equipment

Market Overview

- Mobile Subscriptions by Technology
- Mobile Subscriptions by VoLTE
- Mobile Subscriptions by Region
- Wireless Subscriber Equipment Market Connector Sales by Region 2019 to 2025
- Wireless Subscriber Equipment Market Connector Sales 2019 to 2025 Market Share by Region
- Wireless Subscriber Equipment Market Connector Sales 2020 to 2025 Comparison
- Wireless Subscriber Equipment Market Connector Sales by **Connector Type**
- Wireless Subscriber Equipment Market Connector Sales Share of Market by Connector Type
- Wireless Subscriber Equipment Market Connector Sales 2020 to 2025 Comparison by Connector Type

**Connector Perspective** 

Other Wireless Subscriber

#### Chapter 7 – Carrier Network Equipment

- Market Overview
- Fixed Telephone Subscriptions by Region 2019
- Carrier Network Equipment Connector Sales 2020 to 2025
- **Regional Perspective**
- Carrier Network Equipment Connector Sales by Region of the World
- Carrier Network Equipment Connector Sales Share of Market by Region of the World
- Carrier Network Equipment Connector Sales 2020 to 2025 Comparison by Region
- Connector Type Perspective
- Carrier Network Equipment Connector Sales by Connector Type
- Carrier Network Equipment Connector Sales 2020 to 2025 Comparison by Connector Type
- Equipment Perspective
- Carrier Network Equipment Connector Sales by Equipment Type
- Carrier Network Equipment Connector Sales 2020 to 2025 Comparison by Equipment Type
- Connector Detail by Equipment Type WDM Equipment
- WDM Equipment Connector Sales by Connector Type WDM Equipment Connector Sales 2020 to 2025 Comparison
- by Connector Type Optical Transport Network (OTN) Equipment
- OTN Equipment Connector Sales by Connector Type

Chapter 7 - Carrier Network Equipment (continued) OTN Equipment Connector Sales 2020 to 2025 Comparison by Connector Type Metro/Edge Routers Edge Router Equipment Connector Sales by Connector Type Edge Router Equipment Connector Sales 2020 to 2025 Comparison by Connector Type **Core Routers** Core Router Equipment Connector Sales by Connector Type Core Router Equipment Connector Sales 2020 to 2025 Comparison by Connector Type **Digital Cross-Connects** Digital Cross-Connect Equipment Connector Sales by Connector Type **Circuit Switches** Circuit Switch Equipment Connector Sales by Connector Type ATM Switches ATM Switch Equipment Connector Sales by Connector Type IP Switches & Gateways IP Switch/Gateway Equipment Connector Sales by Connector Type IP Switch/Gateway Equipment Connector Sales 2020 to 2025 Comparison by Connector Type Optical Line Terminals (OLT) OLT Equipment Connector Sales by Connector Type OLT Equipment Connector Sales 2020 to 2025 Comparison by Connector Type **Optical Networks Units (ONU)** ONU Equipment Connector Sales by Connector Type ONU Equipment Connector Sales 2020 to 2025 Comparison by Connector Type Digital Loop Carrier (DLC) DLC Equipment Connector Sales by Connector Type DSL/xDSL Equipment DSL/xDSL Equipment Connector Sales by Connector Type DSL/xDSL Equipment Connector Sales 2020 to 2025 Comparison by Connector Type Multi-Service Access Multi-Service Access Equipment Connector Sales by Connector Type Multi-Service Access Equipment Connector Sales 2020 to 2025 Comparison by Connector Type Other Access Equipment Other Access Equipment Connector Sales by Connector Type 40/100 GbE Switch Nodes 400/100 GbE Switch Node Connector Sales by Connector Туре 40/100 GbE Switch Node Connector Sales 2020 to 2025 Comparison by Connector Type 1/10 GbE Switch Nodes 1/10 GbE Switch Node Equipment Connector Sales by Connector Type 1/10 GbE Switch Node Equipment Connector Sales 2020 to 2025 Comparison by Connector Type **OSP** Apparatus OSP Equipment Connector Sales by Connector Type OSP Equipment Connector Sales 2020 to 2025 Comparison by Connector Type Other Wireline Equipment Other Wireline Equipment Connector Sales by Connector Type Chapter 8 – Cable/MSO Network Equipment Market Overview

Cable/MSO Equipment Market Connector Sales 2020 to 2025 Regional Perspective

Cable/MSO Equipment Market Connector Sales by Region of the World

Cable/MSO Equipment Market Connector Sales Share of Market by Region

Connector Type Perspective

Bishop & Associates Inc. Copyright © 2021

Chapter 8 – Cable/MSO Network Equipment (continued) Cable/MSO Equipment Connector Sales by Connector Type Cable/MSO Equipment Market Connector Sales 2020 to 2025 Comparison by Connector Type **Equipment Perspective** Cable/MSO Equipment Market Connector Sales by Equipment Type Cable/MSO Equipment Market Connector Sales 2020 to 2025 Comparison by Equipment Type Typical Hybrid-Fiber Coax (HFC) Network Connector Detail by Equipment Type Head End Equipment Head End Equipment Market Connector Sales 2020 to 2025 Head End Equipment Connector Sales by Connector Type Head End Equipment Connector Sales 2020 to 2025 Comparison by Connector Type CMTS/Data Equipment CMTS Equipment Market Connector Sales 2020 to 2025 CMTS Equipment Connector Sales by Connector Type CMTS Equipment Connector Sales 2020 to 2025 Comparison by Connector Type Distribution Equipment, Coax Coax Distribution Equipment Connector Sales 2020 to 2025 Coax Distribution Equipment Connector Sales by Connector Туре Coax Distribution Equipment Connector Sales 2020 to 2025 Comparison by Connector Type Fiber Optic Equipment Fiber Optic Equipment Market Connector Sales 2020 to 2025 Fiber Optic Equipment Connector Sales by Connector Type Fiber Optic Equipment Connector Sales 2020 to 2025 Comparison by Connector Type Core Network Equipment Core Network Equipment Market Connector Sales 2020 to 2025 Core Network Equipment Connector Sales by Connector Туре Core Network Equipment Connector Sales 2020 to 2025 Comparison by Connector Type Deep Fiber Deep Fiber Equipment Market Connector Sales 2020 to 2025 Deep Fiber Equipment Connector Sales by Connector Type Deep Fiber Equipment Connector Sales 2020 to 2025 Comparison by Connector Type Subscriber Equipment Subscriber Equipment Market Connector Sales 2020 to 2025 Subscriber Equipment Connector Sales by Connector Type Subscriber Equipment Connector Sales 2020 to 2025 Comparison by Connector Type Other Cable Equipment Other Cable Equipment Market Connector Sales 2020 to Other Cable Equipment Connector Sales by Connector Type Chapter 9 – Other Network Equipment Market Overview Other Network Equipment Connector Sales 2020 to 2025 **Regional Perspective** Other Network Equipment Connector Sales by Region of the World Other Network Equipment Connector Sales Share of Market by Region of the World **Connector Type Perspective** Other Network Equipment Connector Sales by Connector Type Other Network Equipment Connector Sales 2020 to 2025 Comparison by Connector Type



### To Order "World Telecom Connector Market 2020 - 2025"

Research Report M-510-21, *World Telecom Connector Market 2020 - 2025* is available for \$3,950. Additional print copies of this report are available for \$395. If you would like additional information about this report, or would like to place an order, please complete the following form, and email or mail it to Bishop & Associates, Inc. To place your order on our website: <u>http://store.bishopinc.com/</u>.

Name:		
Title:		
Company:		
Address:		
City:	State:	Zip:
Phone:	Fax:	
E-Mail Address:		
Signature:		

	World Telecom Connector Market 2020 - 2025					
	Print Copy @ \$3,950 - \$395 each for additional print copies					
	Print Copy + Multi-User Corporate License @ \$5,135					
Invoice Me	Check Enclosed Visa Master Card American Express					
	Additional \$85.00 for International Airmail Illinois Customers Add 8.0% Sales Tax					
Credit Card No.						
	Expiration Date Mo. Yr.					
	Performance and Forecast of the World Connector Industry					
1209 Fox Glen Drive - St. Charles, IL 60174 Phone: 630.443.2702 E-mail: <u>bishop@bishopinc.com</u> Website: <u>www.connectorindustry.com</u> Online Store: <u>http://store.bishopinc.com/</u>						

For Questions in **Europe:** Mr. Arthur Visser Bishop & Associates, Inc. Phone: (32) 2.660.3696 <u>Email Arthur Visser</u> 1209 Fox Glen Drive

### What's New ?

Bishop & Associates has recently completed several new research reports about the worldwide connector industry. A table of contents for each report can be found at <u>https://store.bishopinc.com</u>.

Report M-510-21	World Telecom Connector Market 2020-2025 (January 2021) NEW
Report M-1601-20	Top 50 Medical Interconnect Solutions Companies (December 2020) NEW
Report P-675-20	High-Speed Copper & Fiber Optic Connectors (November 2020) NEW
Report F-2020-02	Connector Industry Forecast (October 2020) NEW
Report M-980-20	5G Infrastructure – How 5G is Impacting Infrastructure Hardware and Connector Buying Trends (September 2020) NEW
Report M-121-20	2020 Top 100 Connector Manufacturers (August 2020) NEW
Report M-1501-20	Medical Electronics Market for Interconnect Solutions (July 2020)
Report P-780-20	World RF Coax Connector Market 2020 (June 2020)
Report C-122-20	2020 Connector Industry Yearbook (June 2020)
Report M-799-20	2020 World Cable Assembly Market (May 2020)
Report M-700-20	World Connector Market Handbook (April 2020)
Report M-4100-20	Non-Automotive Transportation Market for Connectors (February 2020)
Report P-606-19	Connector Types and Technologies Poised for Growth (October 2019)
Report M-1010-19	World Automotive Connector Market (August 2019)

#### THE BISHOP REPORT - CONNECTOR INDUSTRY YEARBOOK

An annual subscription to <u>THE BISHOP REPORT</u> (12 issues) is available for \$1,750. The Bishop Report subscription includes access, through <u>Bishopinc.com</u>, to prior issues of The Bishop Report, 30-40 yearly News Briefs, Industry Financial Benchmarks, and various connector industry indices. In addition, your subscription will include the **Connector Industry Yearbook** report (normally \$1,500).

An **annual Corporate Subscription is available for \$2,950**, which includes an unlimited number of subscribers and one PDF version of the *Connector Industry Yearbook*.

<u>Click here</u> to view an expanded report description, and a complete table of contents, for all Bishop & Associates' research reports.

