

Hengchang Technology — Product Catalog

Custom fiber optic patch cords & electronic connectors · Two manufacturing bases in China
Jiangsu (fiber optics) · Guangdong (electronic connectors) · www.hengchangtech.com

Company Overview

Shanghai Hengchang Electronic Technology Co., Ltd. designs, manufactures and exports **fiber optic patch cords** and **electronic connectors / cable assemblies**. We operate two production bases in China:

Base	Location	Established	Facility	Output
Fiber Optics	Funing, Jiangsu	2018	2,000 m ² · ~49 staff	20 million patch cords / year
Electronic Connectors	Shenzhen, Guangdong	2016	4,500 m ² · ~65 staff	≈ RMB 100 million annual output

Trusted by major Chinese telecom operators and leading electronics manufacturers. Export customers across multiple regions worldwide.

1 · Fiber Optic Patch Cords CUSTOM

Made to your specification — connector, polish, fibre mode, jacket and length. Flagship product: **stainless-steel armored patch cords** for FTTH, OSP and industrial environments.

Configuration options

Item	Options
Connector	SC, LC, FC, ST (same or mixed on both ends)
Polish / endface	UPC (blue) · APC 8° (green)
Fibre mode	OS2 single-mode 9/125 · OM3/OM4 multimode 50/125
Structure	Simplex · Duplex · Armored (stainless steel spiral tube)
Jacket	PVC · LSZH · 2.0 / 3.0 mm · 900 µm tight-buffer
Length	Custom (typical 1–50 m)

Optical performance

Parameter	Value
Insertion loss (IL)	≤ 0.3 dB typical (0.2 dB grade available)
Return loss (RL)	UPC ≥ 50 dB · APC ≥ 55–60 dB

Testing	100% optical inspection; IL/RL test report per cord; endface inspected
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2 · Electronic Connectors & Cable Assemblies

OEM / ODM

From a drawing, photo or sample to mass production. **In-house mould design and tooling**, with first samples in about 7 days.

Category	Examples
USB-C	Cable assemblies (C-C, A-C, C-A) · plugs & receptacles · USB 2.0 / 3.2 / USB4 (up to 80 Gbps) · PD up to 240 W
Board-level interconnect	Pin headers, female headers & sockets, IDC box headers, ribbon assemblies
Other connectors	DIN 41612, PLCC/PGA sockets, board-to-board, battery holders, RJ45
Custom	Automotive / motorcycle / instrumentation connectors to drawing, incl. over-moulded & IP-rated

How we work

- **1. You send** a drawing, photo or sample (NDA available before you share files)
- **2. We engineer** — DFM review, mould concept, tooling and unit price quoted together
- **3. We produce** — first samples ≈ 7 days → your approval → mass production with in-line & final inspection

Tooling: developed in our own mould shop. Tooling fee is quoted transparently and can be amortised against volume.

Contact

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Send your requirement — connector type, polish, mode, length, quantity (fiber) or drawing / photo / sample (connectors) — and we will reply with a quotation within 24 hours.