

Product Catalog

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Introduction of us

We, Changsha Lottess Technology Co.,Ltd, are a leading manufacturer specializing in the production of fiber optic cables, fiber optic patch cords and other passive components. With over a decade of experience in the industry, we have established ourselves as a trusted name in providing high-quality connectivity solutions.

Our extensive product range includes indoor and outdoor fiber optic cables, fiber optic patch cords, and passive optical components. Whether you need reliable cables for data centers, telecommunications networks, or enterprise solutions, we have you covered.

Advantage:

1. Low MOQ
2. Competitive Pricing
3. Quality Assurance
4. Timely Delivery
5. Cutting-Edge Technology
6. Extensive Expertise

Product Range

Outdoor Optical Cables

Indoor Optical Cables

Fiber Optic Patchcords

PLC Splitter

Fiber Distribution Boxes

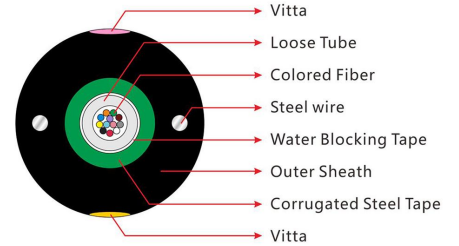
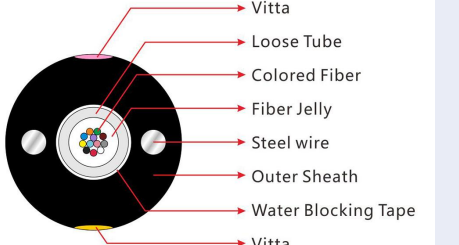
Fiber Splicing Enclosures

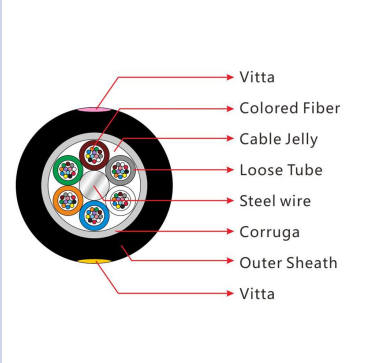
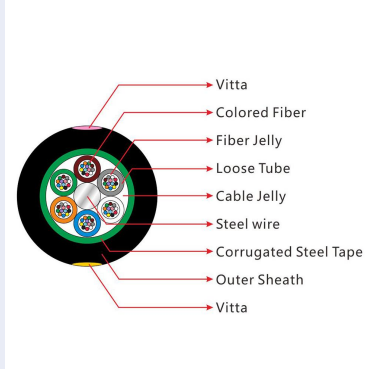
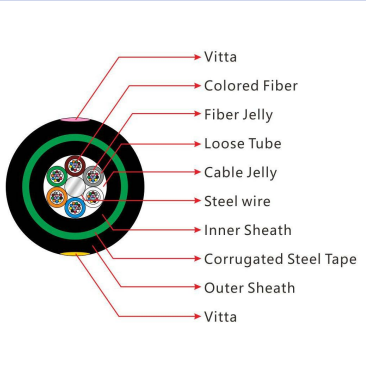
Fiber Distribution Cabinet

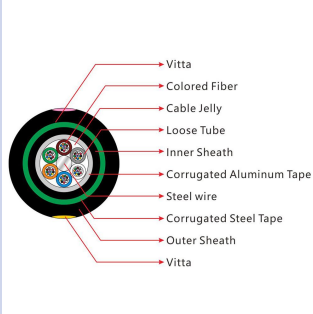
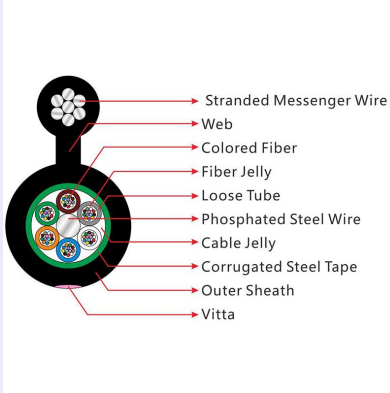
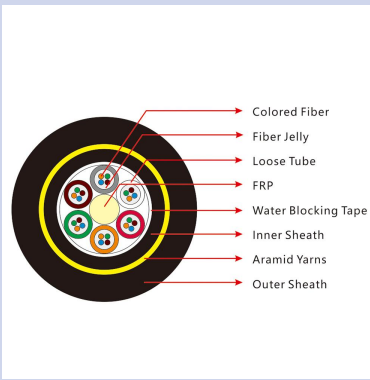
Fiber Optic Tools

Fiber Fusion Splicer

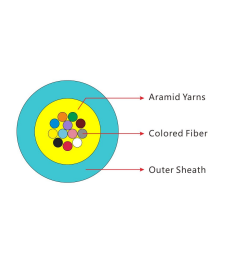
Outdoor Optical Cables

Cable Model	Cable Structure	Brief Description
GYXTW	 <p>A cross-sectional diagram of a GYXTW cable. The central core consists of a green loose tube containing several colored fibers. This core is surrounded by a white water blocking tape, a black outer sheath, and a corrugated steel tape armor. Two steel wires are positioned parallel to each other on the left side of the cable. Red arrows point from labels to each of these components.</p>	<ul style="list-style-type: none"> • Uni-tube:high modulus plastic, filled with tube filling compound • Strength member:two steel wires in paralle • Armor:corrugated steel tape • Outer sheath:black PE sheath
GYXY	 <p>A cross-sectional diagram of a GYXY cable. The central core consists of a loose tube containing several colored fibers, surrounded by a white fiber jelly. This core is surrounded by a white water blocking tape, a black outer sheath, and a corrugated steel tape armor. Two steel wires are positioned parallel to each other on the left side of the cable. Red arrows point from labels to each of these components.</p>	<ul style="list-style-type: none"> • High strength loose tube • Strength member:Two parallel steel wires • Outer sheath:PE sheath • Small diameter, light weight and friendly installation

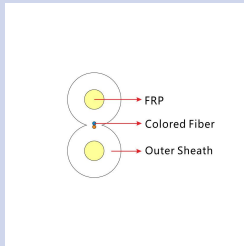
Cable Model	Cable Structure	Brief Description
GYTA	 <p>A cross-sectional diagram of a GYTA cable. It features a central steel wire surrounded by a layer of cable jelly. This is enclosed in a loose tube containing colored fibers, also surrounded by fiber jelly. The entire assembly is protected by a corrugated layer and an outer black PE sheath. Two V-shaped grooves (Vitta) are visible on the outer sheath.</p>	<ul style="list-style-type: none"> • Stranded loose tube:high modulus plastic,filled with tubefilling compound • Central strength member:steel wire or PE-coated steel wire <ul style="list-style-type: none"> • Longitudinal water blocking material:cable filling compound • Armor:laminated aluminum tape • Outer sheath:black PE sheath
GYTS	 <p>A cross-sectional diagram of a GYTS cable. It features a central steel wire surrounded by a layer of cable jelly. This is enclosed in a loose tube containing colored fibers, also surrounded by fiber jelly. The entire assembly is protected by a corrugated steel tape and an outer black PE sheath. Two V-shaped grooves (Vitta) are visible on the outer sheath.</p>	<ul style="list-style-type: none"> • Stranded loose tube:high modulus plastic,filled with tubefilling compound • Central strength member:steel wire or PE-coated steel wire <ul style="list-style-type: none"> • Longitudinal water blocking material:cable filling compound • Armor:corrugated steel tape • Outer sheath:black PE sheath
GYTY53	 <p>A cross-sectional diagram of a GYTY53 cable. It features a central steel wire surrounded by a layer of cable jelly. This is enclosed in a loose tube containing colored fibers, also surrounded by fiber jelly. The entire assembly is protected by an inner black PE sheath, a corrugated steel tape, and an outer black PE sheath. Two V-shaped grooves (Vitta) are visible on the outer sheath.</p>	<ul style="list-style-type: none"> • Stranded loose tube:high modulus plastic,filled with tubefilling compound • Central strength member:steel wire or PE-coated steel wire <ul style="list-style-type: none"> • Longitudinal water blocking material:cable filling compound • Inner sheath:black PE sheath • Armor:corrugated steel tape • Outer sheath:black PE sheath

Cable Model	Cable Structure	Brief Description
GYTA53	 <p>The diagram shows a circular cross-section of a GYTA53 cable. From the center outwards, the layers are: a central steel wire, an inner sheath, a layer of corrugated aluminum tape, a layer of loose tubes containing colored fibers, a layer of cable jelly, another layer of corrugated aluminum tape, and an outer sheath. The cable is protected by a vitta (protective tape) on both sides.</p>	<ul style="list-style-type: none"> • Stranded loose tube:high modulus plastic, filled with tubefilling compound • Central strength member:steel wire • Armor:laminated aluminum tape <ul style="list-style-type: none"> • Inner sheath:black PE sheath • Armor:corrugated steel tape • Outer sheath:black PE sheath
GYXTC8S	 <p>The diagram shows a cross-section of a GYXTC8S cable. It features a central messenger wire (a bundle of steel wires) surrounded by a web. The core contains loose tubes with colored fibers and phosphated steel wires, all surrounded by cable jelly. The core is protected by a corrugated steel tape and an outer sheath, with a vitta on the side.</p>	<ul style="list-style-type: none"> • Stranded loose tube:high modulus plastic • Central strength member:steel wire (or FRP) <ul style="list-style-type: none"> • Messenger:stranded steel wires • Armor:laminated aluminum tape(or corrugated steel tape) <ul style="list-style-type: none"> • Outer sheath:black PE sheath
ADSS	 <p>The diagram shows a cross-section of an ADSS (All-Dielectric Self-Supporting) cable. It has a central FRP (Fiberglass Reinforced Plastic) strength member surrounded by a water blocking tape. The core consists of loose tubes with colored fibers, an inner sheath, and aramid yarns. The entire cable is protected by an outer sheath.</p>	<ul style="list-style-type: none"> • Stranded loose tube:high modulus plastic • Central strength member:FRP <ul style="list-style-type: none"> • Innersheath:black PE sheath • Non-metallic armor:aramid yarns <ul style="list-style-type: none"> • Outer sheath:black PE sheath(or anti-tracking sheath)

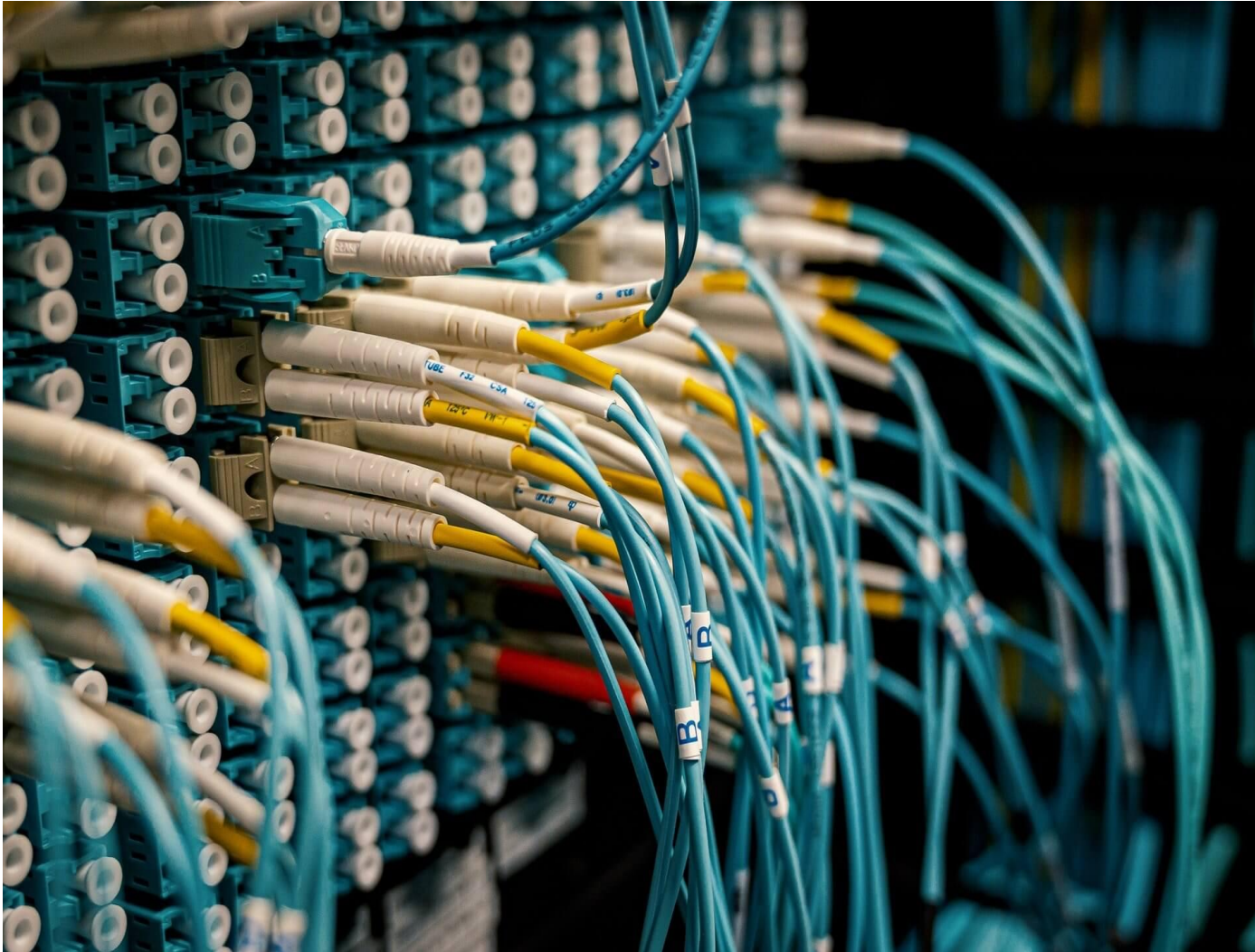
Indoor Optical Cable

Cable Model	Cable Structure	Brief Description
GJFV	 A circular cross-section diagram of a cable. It features a central core of colored fibers (yellow and red) surrounded by a layer of aramid yarns (blue). The entire assembly is enclosed in an outer sheath (light blue). Labels with arrows point to 'Aramid Yarns', 'Colored Fiber', and 'Outer Sheath'.	<ul style="list-style-type: none">• high strength aramid yarn,high-performance jacket• Good mechanical and environment performance<ul style="list-style-type: none">• LSZH outer jacket

FTTH Drop Cables

Cable Model	Cable Structure	Brief Description
GJXFH	 A cross-section diagram showing two parallel circular elements. Each element contains a colored fiber (yellow) and is surrounded by a FRP (Fiberglass Reinforced Plastic) strength member (white). The entire structure is enclosed in an outer sheath (light blue). Labels with arrows point to 'FRP', 'Colored Fiber', and 'Outer Sheath'.	<ul style="list-style-type: none">• Strength member:two FRPs(or steel wires) in parallel<ul style="list-style-type: none">• Outer sheath:LSZH sheath

Fiber optic Patchcords & Pigtails



We can produce the patchcords and pigtails according to your demands.

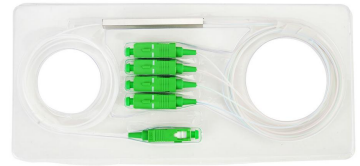
Cable type: SM or MM, Simplex or Duplex.

Connectors type: FC/SC/ST/LC/MU/MT-RJ/ESCON/E2000/MPO/MTP, UPC or APC.

IL: $\leq 0.3\text{dB}$, $\leq 0.25\text{dB}$, $\leq 0.2\text{dB}$, $\leq 0.15\text{dB}$

PLC Splitter

Mini Steel Tube PLC Splitter



ABS Box PLC Splitter



Plug-in Cassette PLC Splitter

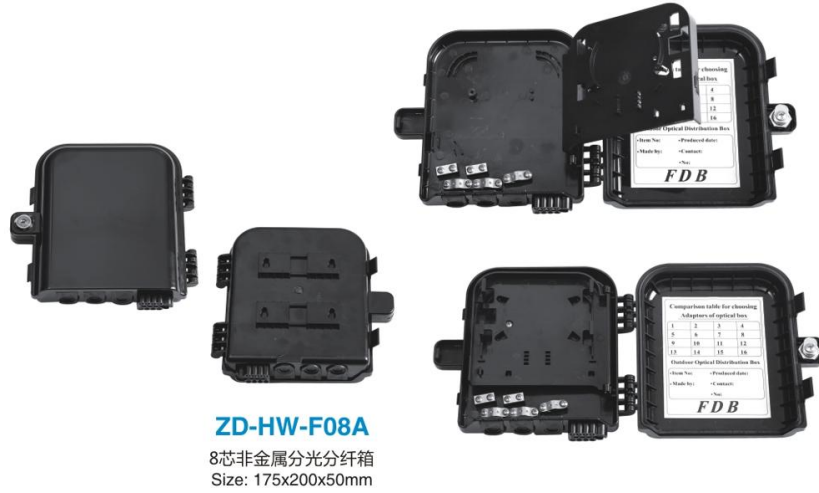


*1xN or 2xN connectors

Fiber Distribution Boxes



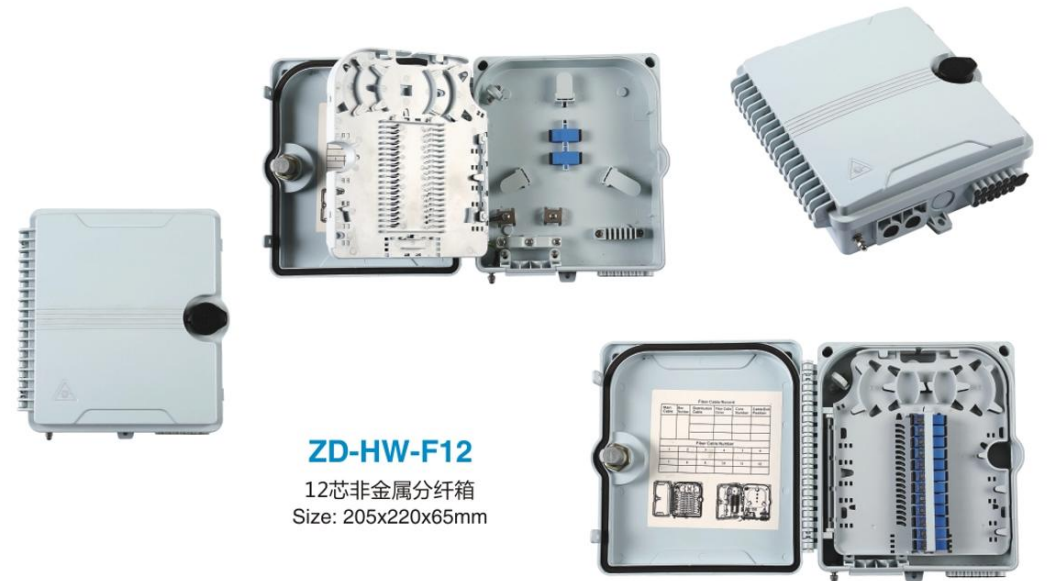
ZD-HW-F04
4芯非金属分纤箱
Size: 120x185x35mm



ZD-HW-F08A
8芯非金属分光分纤箱
Size: 175x200x50mm



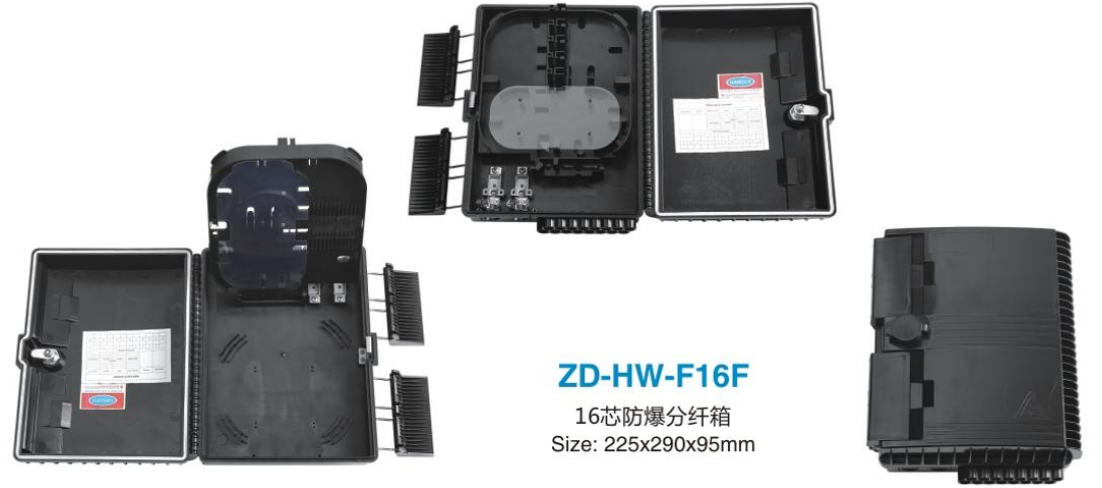
ZD-HW-F06
6芯非金属分纤箱
Size: 120x185x35mm



ZD-HW-F12
12芯非金属分纤箱
Size: 205x220x65mm



ZD-HW-F16B
 16芯非金属分纤箱
 Size: 220x300x90mm



ZD-HW-F16F
 16芯防爆分纤箱
 Size: 225x290x95mm



ZD-JTH-HWTG
 Size: 280x180x118mm



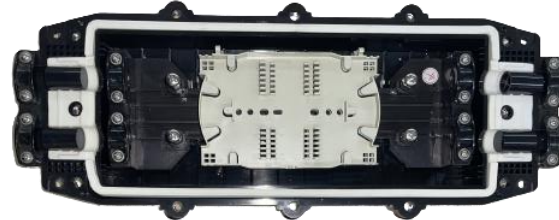
NEW!

Fiber Splicing Enclosures



ZD-WS-2296

Size: 460*165*100mm



ZD-WS-22144

Size: 460*185*105mm



ZD-MS-1496

Size: 420*160mm

Fiber Optic Trays



ZD-TP02
2.0 tray
Size: 288*180*25mm



ZD-TP02
2.0 tray
Size: 288*180*25mm

Fiber Distribution Cabinet



Material: SMC material.

Protection Level: IP55.

Ready for wall mount, installation kits provided.

Empty box, without tray. If needed, please let us know.

Fiber Optic Tools

optical cleaver



fiber cleaner tool



cable roller



ODTR



power meter



Fusion Splicer

