FIBER SOLUTIONS

PATCH CORD AND PIGTAIL

Patch Cord Single Mode
LSZH

• LSZH Jacket–Reduced Toxic
  Gasses Emitted During Combustion
• 100% Factory Tested
• Available with Corning Fiber
• Available in PC/APC Type Options
• High Precision Ceramic Ferrule with
  Good Concentricity
• Available in Simplex and Duplex Modes

Patch Cord Multi-Mode
LSZH

• LSZH Jacket–Reduced Toxic
  Gasses Emitted During Combustion
• 100% Factory Tested
• Available with Corning Fiber
• Available in PC/APC Type Options
• High Precision Ceramic Ferrule with
  Good Concentricity
• Available in Simplex and Duplex Modes

PIG TAILS Single Mode and
Multi-Mode LSZH

• LSZH Jacket–Reduced Toxic
  Gasses Emitted During Combustion
• 100% Factory Tested
• Low Insertion Loss and Return Loss
• Available with Corning Fiber
• Available in PC/APC Type Options
• High Precision Ceramic Ferrule with
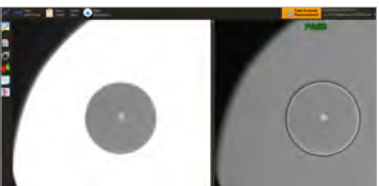 Good Concentricity

Three Level Testing DIGISOL Fiber Patch Cords and Pigtails go through 100% testing which include three levels as shown below:
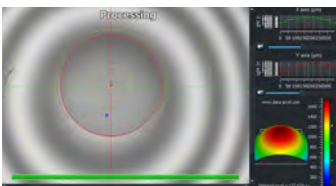
LEVEL ONE Visual inspection for scratch measurement

LEVEL TWO Interferometry Test

LEVEL THREE Optical Test

1. Insertion Loss
   measurement

2. Return Loss
   measurement

LIU AND ADAPTERS

Drawer LIU Type

• Available in Standard 19"
• Cold Rolled Steel as Raw Material
• Consist of Top Cover and Bottom Panel
• Easy to Assemble and Dissemble
• Three Types of Input Holes
• Cable Entry Through Water Proof Cable Clamp
• 24 Simplex SC or 12 Duplex LC Adapter Interface
• Splice 24 Fibers at Most with 1 Tray

Sliding LIU Type

• Available in Standard 19"
• Cold Rolled Steel as Raw Material
• Versatile Panel with Expandable
  Double Slide Rails for Smooth Sliding
• 1RU Installs 2 Pcs Standard Adapter Plates
  at Different Types
• Front Saddles Pivot for Improved
  Patch Cord Routing and Organization

Wallmount Fiber LIU Type

• Cold Rolled Steel as Raw Material
• Consist of Top Cover & Bottom Panel
• Easy to Assemble and Dissemble
• Three Types of Input Holes
• Cable Entry Through Water Proof Cable Clamp
• 12 Duplex SC or LC Adapter Interface
• Patch Cord with Bend Radius Guides
  Minimize Macro Bending

Adapters FC Type

• Compact Design
• Telcordia GR-326-Core
• RoHS Compliance
• Low Insertion and Return Loss
• Self Adjusting Metal Panel Clips
• Available in Flange Mount or D Hole Mount
  Adapter Styles
• Available in Simplex and Duplex Types

Adapters LC Type

• Small Footprint
• Telcordia GR-326-Core
• RoHS Compliance
• Low Insertion and Return Loss
• Self Adjusting Metal Panel Clips
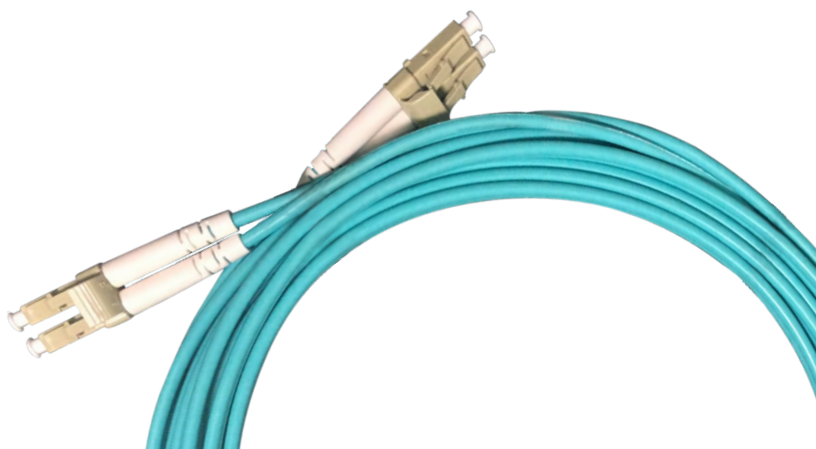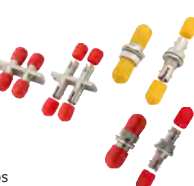• Available in Simplex and Duplex Types

Adapters SC Type

• Compact Design
• Telcordia GR-326-Core
• RoHS Compliance
• Low Insertion and Return Loss
• Available In Simplex and Duplex Types

Adapters ST Type

• Compact Design
• Telcordia GR-326-Core
• RoHS Compliance
• Low Insertion and Return Loss
• Choice of Flange Options
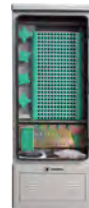• Self Adjusting Metal Panel Clips

FTTH SOLUTIONS

SMC, ODF, SPLITTERS, FDBS, CONNECTORS AND HOME TERMINATION BOX

SMC
Fiber Optic

• Fiber Management Structure adopts
  unique splice and distribution design
  for fiber cable and pigtail
• Frame adopts front side cable operation,
  saves installation space
• Movable connection of pigtail and
  patch cords can be finished in the same
  fiber management tray
• Movable connectors adopts inclined
  25 degree installation structure ensures
  bend radius of pigtail and patch cord
• Front panels suitable for FC, SC, ST adapter

ODF Optical Distribution
Frame FTTH

• Fiber Management
  Structure adopts unique
  splice and distribution design
  for fiber cable and pigtail
• Frame adopts front side cable operation,
  saves installation space
• Movable connection of pigtail and patch cords can be
  finished in the same fiber management tray
• Movable connectors adopts inclined 25 degree
  installation structure ensures bend radius of
  pigtail and patch cord
• Front panels suitable for FC, SC, ST adapter

FTTH Splitters,
Rack Type

• Low insertion loss
• Low Polarization Dependent Loss
• High Reliability
• Wide wavelength range
• High Return Loss and good Repeatibility
• Excellent channel to channel uniformity
• Excellent Environmental Stability
• Excellent Mechanical Stability
• Telcordia GR-1221 and GR-1209

FTTH Splitters,
Drawer Type

• Low insertion loss, Low POL
  and High reliability
• High return loss and Good
  repeatability
• Wide wavelength range
• Excellent channel-to-channel
  uniformity

FTTH Splitters,
Box Type

• Low Polarization Dependent Loss
• Low insertion loss
• High Reliability
• Wide wavelength range
• High Return Loss and good Repeatibility
• Excellent channel to channel uniformity
• Excellent Environmental Stability
• Excellent Mechanical Stability
• Telcordia GR-1221 and GR-1209

FTTH Splitters,
Tube Type

• Low insertion loss
• High Reliability
• Low Polarization Dependent Loss
• High Return Loss and good Repeatibility
• Wide wavelength range
• Excellent channel to channel uniformity
• Excellent Environmental Stability
• Excellent Mechanical Stability
• Telcordia GR-1221 and GR-1209

FDB FTTH Fiber
Distribution Box,
6 Core

• Full Enclosed & Ergonomic Design
• Meets IP65 Grade for wet-proof,
  water–proof and anti aiging
• Feeder cable and Drop cable Fixation,
  Fiber Splicing, Storage and Distribution
• Separate cable pathway design
• Modular adapter holder design
• Hinged Splice tray for easy installation
  and maintenance
• Wall Mounted or Pole mounted
• Suitable for Indoor and Outdoor Use

FDB FTTH Fiber
Distribution Box,
8 Core

• Full Enclosed & Ergonomic Design
• Meets IP65 Grade for wet-proof,
  water–proof and anti aiging
• Feeder cable and Drop cable Fixation,
  Fiber Splicing, Storage and Distribution
• Separate cable pathway design
• Modular adapter holder design
• Hinged Splice tray for easy installation
  and maintenance
• Wall Mounted or Pole mounted
• Suitable for Indoor and Outdoor Use

FDB FTTH Fiber
Distribution Box,
12 Core

• Full Enclosed & Ergonomic Design
• Meets IP65 Grade for wet-proof,
  water–proof and anti aiging
• Feeder cable and Drop cable Fixation,
  Fiber Splicing, Storage and Distribution
• Separate cable pathway design
• Modular adapter holder design
• Hinged Splice tray for easy installation
  and maintenance
• Wall Mounted or Pole mounted
• Suitable for Indoor and Outdoor Use

FTTH Outlet,
Box Type

• Indoor FTTH and Fiber Optic
  CATV Application
• Inner tray for splice sleeve
• Compact design
• Available with SC Simplex or
  LC Duplex
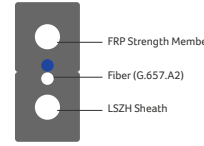• All Modules are solderless mode

**Field Assembly
Connectors,** Fiber Optic

• Industry leading double
  V groove alignment clamping
  mechanism
• User friendly and cost effective
• Superior qualified standard
  PC, APC, UPC polishing
• Reliable and superior optical performance
• Good exchange ability and good reliability
• No electricity required
• Cable tensile test complies with GR-326-CORE
• No epoxy and polishing required
• Only three pre-assembly parts

Drop Cable,
FTTH

• Simple Structure
• Light Weight
• Novel Groove Design
• Easily Strip and Splice
• High Tensile Strength and
  Metal Free
• Simplified Installation and Maintenance
• LSZH and Flame Retardant Sheath
• Environment Friendly and Good Safety

FRP Strength Member
Fiber (G.657.A2)
LSZH Sheath

DIGISOL

DIGISOL SYSTEMS LIMITED
A Subsidiary of Smartlink Holdings Limited

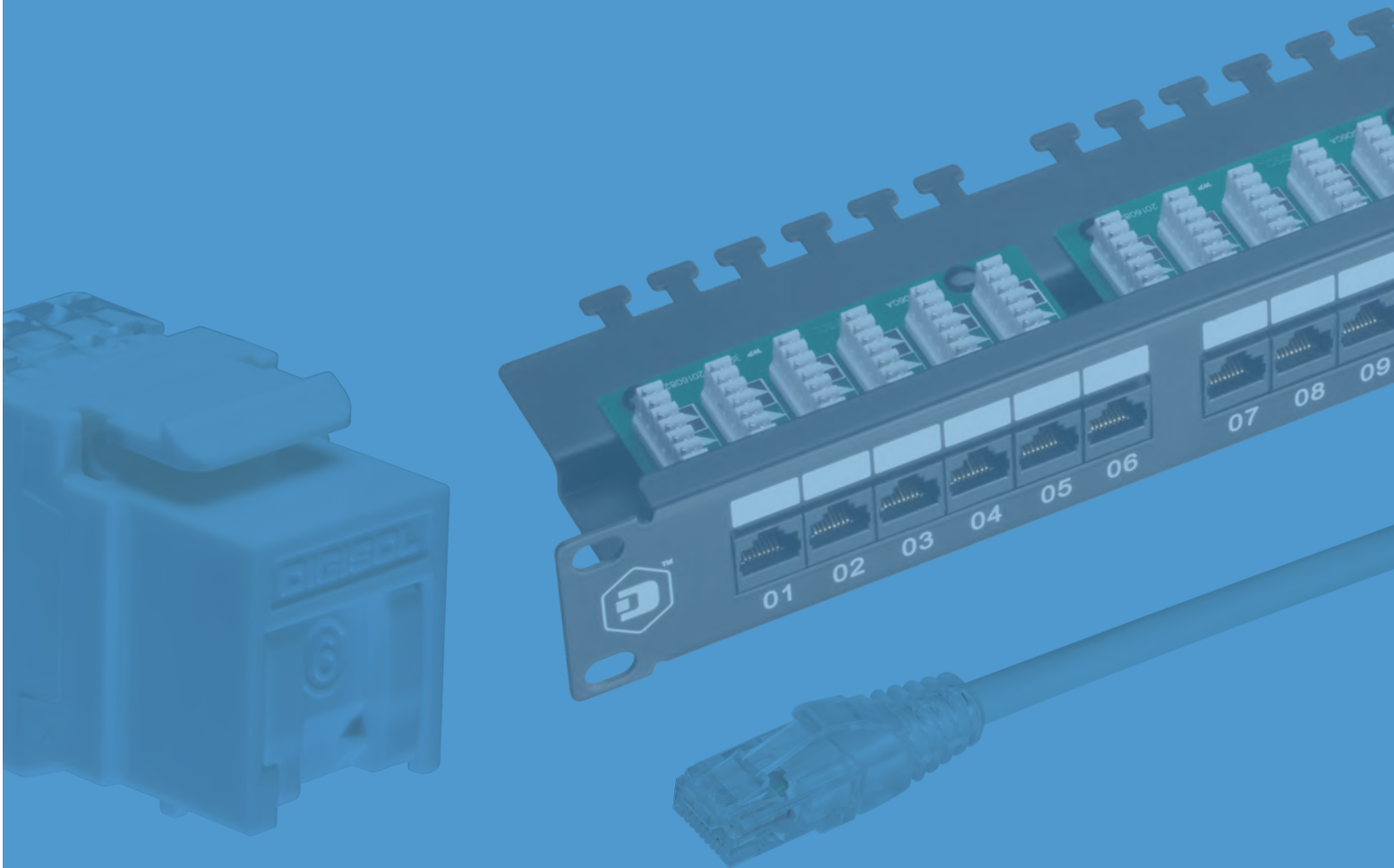1800-209-3444 | helpdesk@digisol.com | www.digisol.com

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@DIGISOLINDIA
@DIGISOL_SNSL

Authorised Partner

VER. 1.5

STRUCTURED
CABLING SYSTEMS
COPPER • FIBER • FTTH

DIGISOL

COPPER SOLUTIONS

SOLID CABLES

Cat6A UTP, 4 Pair, 23 AWG, Grey, 305m

- 4 Pair 23 AWG
- UTP FR-PVC Cable
- Horizontal Cabling Networks
- Transmission Of High Speed Data
- Digital and Analog
- Voice and Video Signals On LANs
- Made In India

Cat6A FTP, 4 Pair, 23 AWG, Grey, 305m

- 4 Pair 23 AWG
- FTP FR-PVC Cable
- Horizontal Cabling Networks
- Transmission Of High Speed Data
- Digital and Analog
- Voice and Video Signals On LANs
- Made In India

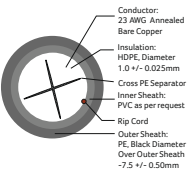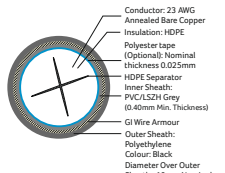### Cat6 UTP, 4 Pair, 23 AWG, Grey, 305m

- 4 Pair 23 AWG
- UTP FR-PVC Cable
- Horizontal Cabling Networks
- Transmission Of High Speed Data
- Digital and Analog
- Voice and Video Signals On LANs
- Made In India

Cat6 UTP, Outdoor Double Jacket, 4 Pair, 23 AWG, Black, 305m

- 4 Pair 23 AWG
- UTP FR-PVC Cable
- Inner Sheath PVC & Outer Sheath Black PE
- Rugged Double sheath construction
- Horizontal Cabling Networks
- Transmission Of High Speed Data
- Digital and Analog Voice and Video Signals On LANs
- Made In India

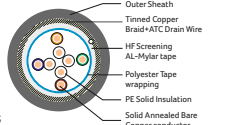### Cat6 UTP, Outdoor Armoured Cable, 4 Pair, 23 AWG, Black, 305m

- 4 Pair 23 AWG
- UTP FR-PVC Cable
- Inner Sheath PVC, ECCS Tape Armour With Outer Sheath Black PE
- Rugged Double sheath construction
- Horizontal Cabling Networks
- Transmission Of High Speed Data
- Digital and Analog Voice and Video Signals On LANs
- Made In India

Cat6 SFTP, 4 Pair, 23 AWG, Grey, 305m

- 4 Pair 23 AWG
- SFTP FR-PVC Cable
- Horizontal Cabling Networks
- Transmission Of High Speed Data
- Digital and Analog
- Voice and Video Signals On LANs
- Made In India

Cat5e UTP, 4 Pair, 24 AWG, Grey, 305m

- 4 Pair 23 AWG
- UTP FR-PVC Cable
- Horizontal Cabling Networks
- Transmission Of High Speed Data
- Digital and Analog
- Voice and Video Signals On LANs
- Made In India

Cat5e SFTP, 4 Pair, 24 AWG, Grey, 305m

- 4 Pair 24 AWG
- SFTP FR-PVC Cable
- Horizontal Cabling Networks
- Transmission Of High Speed Data
- Digital and Analog
- Voice and Video Signals On LANs
- Made In India

KEYSTONES

Cat6 UTP, 180°, Collapsible Door, Punch Down Type

- Small & Exquisite form factor
- Skilled Design on Jack and PCB
- High and Reliable Performance
- Ergonomic Design & Easy Termination
- Support Both RJ11 and RJ12 Plug
- With Collapsible Shutter
- 25 microns Gold Plated Contact pins
- Made in India
- Available in Cat5e, Cat6 and Cat6A

Cat6 FTP, 180°, Toolless Type

- Zinc-casted Shell Covered with the Nickel Platting
- Provide Outstanding Performance to Outside EMI • Secures Data
- Skilled Design on Jack and PCB
- High and Reliable Performance
- Ergonomic Design and Easy Termination
- Available in Cat5e and Cat6A

Cat6A FTP, 180°, Toolless Type

- Zinc-casted Shell Covered with the Nickel Platting
- Provide Outstanding Performance to Outside EMI • Secures Data
- Skilled Design on Jack and PCB
- High and Reliable Performance
- Ergonomic Design and Easy Termination
- Available in Cat5e and Cat6

PATCH PANELS

Cat6A UTP, 24 Port, 90°

- 90 Degree (Top Entry) Punch Down Design
- Built in Rear Cable Management
- 6x4 Module Specially Designed Jack Configuration
- 1U Patch Panel to Mount in any Standard Rack
- Easy Port Labeling Identification Provision
- Accommodates 22~26 AWG Stranded and Solid Wires • Made In India

Cat6A UTP, 24 Port, 180°

- 180 Degree Punch Down Design
- 1U Patch Panel to Mount in any Standard Rack
- Easy Port Labeling Identification Provision
- Accommodates 22~26 AWG Stranded and Solid Wires

Cat6A FTP, 24 Port, 90°

- 90 Degree (Top Entry) Punch Down Design
- Removable Module Design
- 8x3 Module Specially Designed Jack Configuration
- 1U Patch Panel to Mount in any Standard Rack
- Easy Port Labeling Identification Provision
- Accommodates 22~26 AWG Stranded and Solid Wires • Made In India

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COPPER SOLUTIONS

PATCH PANELS

Cat6 UTP, 24 Port, 90°

- 90 Degree (Top Entry) Punch Down Design
- Built in Rear Cable Management
- 6x4 Module Specially Designed Jack Configuration
- 1U Patch Panel to Mount in any Standard Rack
- Easy Port Labeling Identification Provision
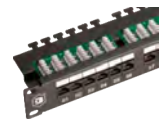- Accommodates 22~26 AWG Stranded and Solid Wires • Made In India

Cat6 UTP, 24 Port, 180°

- 180 Degree Punch Down Design
- 1U Patch Panel to Mount in any Standard Rack
- Easy Port Labeling Identification Provision
- Accommodates 22~26 AWG Stranded and Solid Wires

Cat6 FTP, 24 Port, 90°

- 90 Degree (Top Entry) Punch Down Design
- Removable Module Design
- 8x3 Module Specially Designed Jack Configuration
- 1U Patch Panel to Mount in any Standard Rack
- Easy Port Labeling Identification Provision
- Accommodates 22~26 AWG Stranded and Solid Wires • Made In India

Cat5e UTP, 24 Port, 90°

- 90 Degree (Top Entry) Punch Down Design
- Built in Rear Cable Management
- 6x4 Module Specially Designed Jack Configuration
- 1U Patch Panel to Mount in any Standard Rack
- Easy Port Labeling Identification Provision
- Accommodates 22~26 AWG Stranded and Solid Wires • Made In India

Cat5e UTP, 24 Port, 180°

- 180 Degree Punch Down Design
- 1U Patch Panel to Mount in any Standard Rack
- Easy Port Labeling Identification Provision
- Accommodates 22~26 AWG Stranded and Solid Wires

PATCH CORDS

Cat6A UTP, LSZH

- Available in LSZH Sheath Jacket- Reduced Toxic Gasses Emitted During Combustion
- RJ45, 8P8C, 2 FORK 50μ'' Gold Plated Contacts
- 100% Factory Tested
- Transparent Boot Cable Assemblies
- Made In India

Cat6A STP, LSZH

- Available in LSZH Sheath Jacket- Reduced Toxic Gasses Emitted During Combustion
- RJ45, 8P8C, 2 FORK 50μ'' Gold Plated Contacts
- 100% Factory Tested
- Shielded Plug Boot Cable Assemblies
- Provides Better Mechanical Properties
- Made In India

Cat6 UTP, LSZH

- Available in LSZH Sheath Jacket- Reduced Toxic Gasses Emitted During Combustion
- RJ45, 8P8C, 2 FORK 50μ'' Gold Plated Contacts
- 100% Factory Tested
- Transparent Boot Cable Assemblies
- Available Colors: Grey, Blue, Green, Yellow, Orange, Red
- Made In India

Cat6 STP, LSZH

- Available in LSZH Sheath Jacket- Reduced Toxic Gasses Emitted During Combustion
- RJ45, 8P8C, 2 Fork 50μ'' Gold Plated Contacts
- 100% Factory Tested
- Shielded Plug Boot Cable Assemblies
- Provides Better Mechanical Properties
- Made In India

Cat5e UTP, LSZH

- Available in LSZH Sheath Jacket- Reduced Toxic Gasses Emitted During Combustion
- RJ45, 8P8C, 2 FORK 50μ'' Gold Plated Contacts
- 100% Factory Tested
- Transparent Boot Cable Assemblies
- Made In India

Cat5e STP, LSZH

- Available in LSZH Sheath Jacket- Reduced Toxic Gasses Emitted During Combustion
- RJ45, 8P8C, 2 Fork 50μ'' Gold Plated Contacts
- 100% Factory Tested
- Shielded Plug Boot Cable Assemblies
- Provides Better Mechanical Properties
- Made In India

UNLOADED

Two Piece Single Port, Face Plate Modular Straight Shuttered

- Two Piece design
- Shutter on Face Plate
- Elegant hidden-screw design
- Made In India

Two Piece Dual Port, Face Plate Modular Straight Shuttered

- Two Piece design
- Shutter on Face Plate
- Elegant hidden-screw design
- Made In India

Two Piece Quad Port, Face Plate Modular Straight Shuttered

- Two Piece design
- Shutter on Face Plate
- Elegant hidden-screw design
- Made In India

One Piece Single Port, Face Plate

- One Piece design
- Screw caps to hide screws
- Made In India

One Piece Dual Port, Face Plate

- One Piece design
- Screw caps to hide screws
- Made In India

One Piece Quad Port, Face Plate

- One Piece design
- Screw caps to hide screws
- Made In India

COPPER SOLUTIONS

UNLOADED

Unloaded UTP, 24 Port, Patch Panel

- Front Removable Module Design
- 1U Patch Panel to Mount in any Standard Rack
- Easy Port Labeling Identification Provision
- Accommodates 22~26 AWG Stranded and Solid Wires

Unloaded UTP, 24 Port, Angled Blank Patch Panel

- Front Removable Module Design
- 1U Patch Panel to Mount in any Standard Rack
- Easy Port Labeling Identification Provision
- Accommodates 22~26 AWG Stranded and Solid Wires
- Compatible with Standard Sized Keystone Jacks

Unloaded Surface Mount Box

- Robust and installer friendly design
- Secure and protect your wire with our durable wall box
- Easy to install

TOOLS

Unloaded Surface Mount Box, Concealed Type

- Robust and installer friendly design
- Secure and protect your wire with our durable wall box
- Easy to install
- Concealed Type

Tool Cable Striper with Cutter for Lan (UTP/STP)

- Light weight, compact stripper, simple to operate
- Strips UTP /STP wire and multi conductor cable dimension
- Uses adjustable knob for setting different insulation diameters
- Provides with cable cutting function

Tool Impact Tool with Blades for 110 & Krone IDC

- Impact Tool with interchangeable blades
- 110, 66 Block and Krone/ADC formats and blades
- User adjustable impact force with dial in the handle
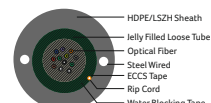- Extra Blade Storage in handle
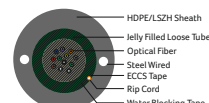- Heavy Duty

FIBER SOLUTIONS

CABLES

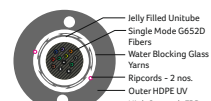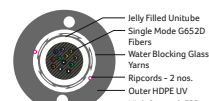### Unitube Single Mode Armoured Cable

- Suitable for Outdoor Network Direct Burial
- Polyester based yarns below Armour tape for easy ripping
- Thermoplastic Material Tube
- Excellent Water Proof Layer and Moisture Resistance
- Excellent Crush Resistance Performance

Unitube Multi-Mode Armoured Cable

- Suitable for Outdoor Network Direct Burial
- Polyester based yarns below Armour tape for easy ripping
- Thermoplastic Material Tube
- Excellent Water Proof Layer and Moisture Resistance
- Excellent Crush Resistance Performance

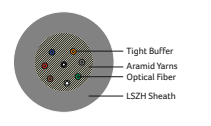### Unitube Single Mode Un-armoured Cable

- Suitable for Outdoor Network Direct Burial
- Un-Armoured design with High Strength FRP's & Glass Rovings
- Thermoplastic Material Tube
- Excellent Water Proof Layer and Moisture Resistance
- Excellent Crush Resistance Performance

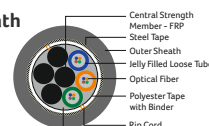### Unitube Multi-Mode Un-armoured Cable

- Suitable for Outdoor Network Direct Burial
- Un-Armoured design with High Strength FRP's & Glass Rovings
- Thermoplastic Material Tube
- Excellent Water Proof Layer and Moisture Resistance
- Excellent Crush Resistance Performance

Tight-Buffered Single Mode and Multi-Mode Cable

- Suitable for aerial, Pipeline, Bracket Lying
- Suitable for Indoor and Outdoor Applications
- All Dielectric self supporting ADSS
- Polyester based yarns tape for easy ripping
- Excellent Crush Resistance Performance

Multi-tube Single Sheath Armoured Cable

- Suitable for Outdoor Network Direct Burial
- Polyster based yarns below Armour tape for easy ripping
- Thermoplastic Material Tube
- Core covering Polyester Binder and Polyster tape
- Excellent Water Proof Layer and Moisture Resistance
- Excellent Crush Resistance Performance

Multi-tube Double Sheath Armoured Cable

- Suitable for Outdoor Network Direct Burial
- Polyster based yarns below Armour tape for easy ripping
- Thermoplastic Material Tube
- Core covering Polyester Binder and Polyster tape
- Excellent Water Proof Layer and Moisture Resistance
- Excellent Crush Resistance Performance