



 **BSNL TSEC CERTIFIED**

 **RDSO COMPLIED**

FIBRERING THE WORLD



ABOUT US



dr.com (www.dr-com.in) is synonymous with industrial-grade customizable fibre-optic cabling solutions. Along with a plethora of supporting active (UPS, ONT, OLT, etc) & related passive products (PLC SPLITTER, COUPLER, PATCH CORD, FMS, etc), **dr.com** is an **ISO Certified** and registered brand Head-quartered in Mumbai having state-of-the-art machineries (TSEC equipped) and strategically located **manufacturing facility** at Vapi, Gujarat.

Capacity to produce over half a million+ km annually across FTTH (Round & Flat), CATV, UNI & MULTI-TUBE (1F-288F Armoured & Unarmoured), ADSS and FIG-8 OFC varieties.

dr.com have thus carved their niche in Government, Defense, Education, Enterprise, Telecom, ISP/MSO, Broadband, Corporate, Tower, Infra, Offline & Online B2B Channels.

Solutions:

WIFI 7, SD-WAN, Optical Fibre cables, FTTH accessories, Copper Solution and accessories.





**WE ARE THE MANUFACTURER OF
OPTICAL FIBRE CABLE**



Commitment

Delivering world-class client service & technical innovation are not just goals: they are embedded in **dr.com**'s DNA.

TRUST

We strive to under-promise & over-deliver. **dr.com**® earns the trust of clients, partners, and employees through actions every day.



FAST DEPLOYMENT

We use the most advanced manufacturing innovations available, reducing lead time & making us more responsive.

RELIABILITY

Clients and business partners depend on **dr.com**® because of our uncompromising focus on quality.



ISO CERTIFIED

Products bearing the **dr.com**® name have been certified to meet the highest industry quality standards.

VALUE

Value is the combination of quality, efficacy, and a fair price. **dr.com**® supplies superior products, affordably.



CLIENTELE



DEN



HATHWAY



ALLIANCE



ION



ACT



D-VOIS



ISHAN



INTECHONLINE



SAMPARK



GTPL



TATA TELESERVICES
LIMITED



INDUS



NATIONAL HIGHWAY
AUTHORITY OF INDIA



NETWORK DIGITAL



INDIAN NAVY



BHARAT PETROLEUM



BORDER SECURITY
FORCE



BSNL



DEPARTMENT OF
ATOMIC ENERGY



INDIAN AIRFORCE



INDIAN DEFENCE



INDIAN RAILWAY



INDIAN SPACE
RESEARCH ORGANISATION



NATIONAL HYDROELECTRIC
POWER CORPORATION



NATIONAL THERMAL
POWER CORPORATION



PMO INDIA



NATIONAL INSTITUTE OF
TECHNOLOGY CALICUT



CSIR INDIA

SOFTWARE SOLUTIONS



Dr.WAN (SD WAN)



Dr.BiIG

HARDWARE SOLUTIONS



FIBRE CABLES



DROP CABLES



FTTH PATCH CORDS



OPTICAL PATCH CORDS



CPRI PATCH CORDS



SPLITTERS & COUPLERS



FIBRE MANAGEMENT



FIBRE DISTRIBUTION BOX



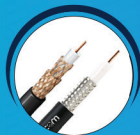
FIBRE ENCLOSURE



JOINT ENCLOSURE



CAT 5/6 CABLES



RG6 CABLES



CAT 5/6 UTP



ACCESSORIES



SFP TRANSCEIVERS



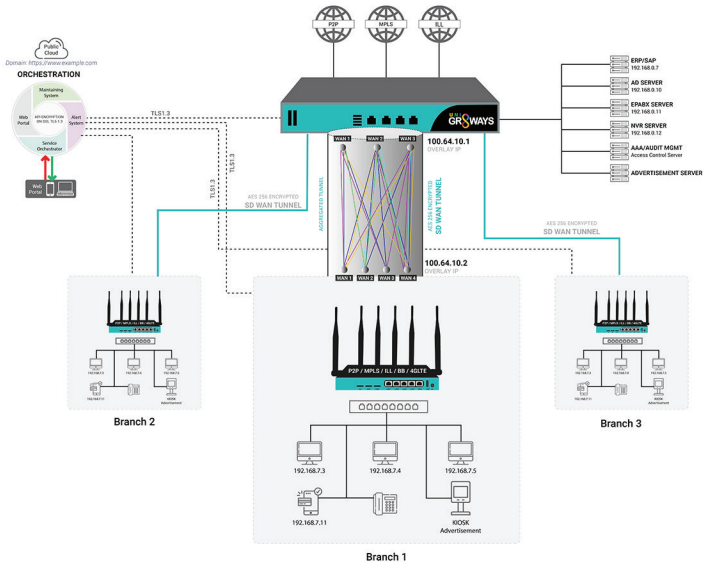
SMART UPS



Dr.WAN

SD-WAN

SD - WAN



- Require additional technology solutions (like FEC) to compensate for not focusing on network transmission using packets
- Not good for shared or over provisioned networks or bandwidth-constrained circuits
- Reliance on FEC can increase congestion and require additional bandwidth
- FALSE WAN Aggregation under the garb of "Load balancing" where in at any given point in time only ONE WAN link is used for an application session
- Key once established remains same throughout the session

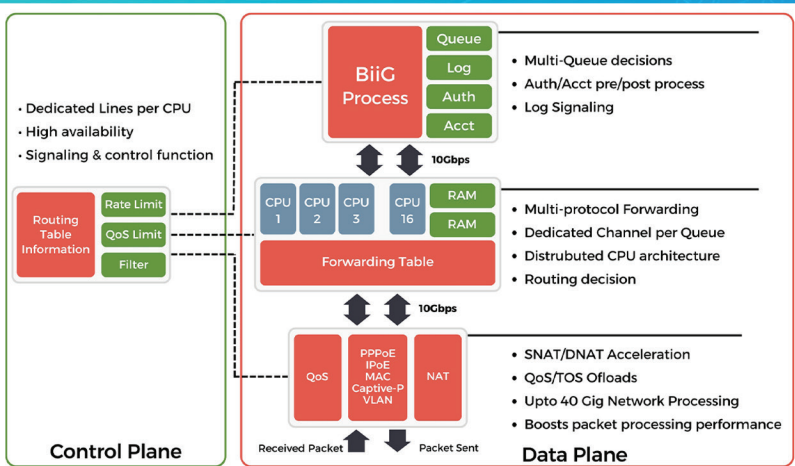


Dr. BiiG

BROADBAND INTERNET INTELLIGENT GATEWAY

BROADBAND INTERNET INTELLIGENT GATEWAY

is a GUI based multilingual comprehensive broadband edge platform for ISP's

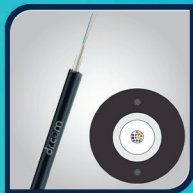


- In Session Advertisement Based on Time, Geo Location, Keyword, Browser, OS, ARPU
- IP Wise Captive Portal Captive Portal Wise Ad Pushing
- Redundant Multi RADIUS support
- Multiple QoS queues support for speed and data accounting
- Quota based reauthentication for ZERO % data leakage
- Group Users and map to single account for rate limiting and accounting
- Smart error notifications to end subscribers on broadband network
- Auth Support – PAP, CHAP , MS- CHAP V1, MS-CHAP V2



UNI-TUBE
OPTICAL CABLES

UNI – TUBE CABLES



UNARMoured CABLES

- Single Tube
- Steel Wire: 0.6mm, 0.8mm
- Virgin HDPE: Gold & Platinum
Grade A: Economy
- Fibre Type: G652A1, G652A1, G6572D
- GFR Glass Yarn: Impregnated IGFR
- Available: 2F to 24F

ARMoured CABLES

- Single Tube
- Steel Wire: 0.6mm, 0.8mm + Corrugated Steel Tape
- Virgin HDPE: Gold & Platinum
Grade A: Economy
- Fibre Type: G652-D, G657A1, G657A2
- Variety: Economy, Gold, Platinum
- Available: 2F to 24F



ADSS CABLES

- Single Tube
- FRP 0.5mm, 0.8mm & 1mm Aramid Yarn
- Virgin HDPE: Gold & Platinum
Grade A: Economy
- Fibre Type: G652-D, G657A1, G657A2
- GFR Glass Yarn: Impregnated IGFR Aramid Yarn
- Available: 2F to 12F

FIG-8 AERIAL CABLES

- Single Tube Aerial Cable
- Strand Wire 1.6/2.4.1mm
- Virgin HDPE: Gold & Platinum
Grade A: Economy
- Fibre Type: G652-D, G657A1, G657A2
- GFR Glass: Yarn Impregnated IGFR Aramid Yarn
- Available: 2F TO 24F





MULTI-TUBE OPTICAL CABLES

MULTI – TUBE CABLES



UNARMoured CABLES

- Multi Loose Tube With Central FRP Double HDPE Jacket Direct Burial, Duct
- 1 Central FRP – 2mm/2.5mm/1.6mm/3.5mm
- Virgin HDPE: Gold & Platinum
- Fibre Type: G652-D, G657A1, G657A2
- GFR Glass Yarn: Impregnated IGFR
- Available: 12F to 288F

ARMoured CABLES

- Multi Loose Tube With Central FRP Double Jacket Steel Tape Armoured
- 1 Central FRP – 2mm/2.5mm/1.6mm/3.5mm
- Virgin HDPE: Gold & Platinum
- Fibre Type: G652-D, G657A1, G657A2
- Variety: Gold & Platinum
- Available: 12F to 288F



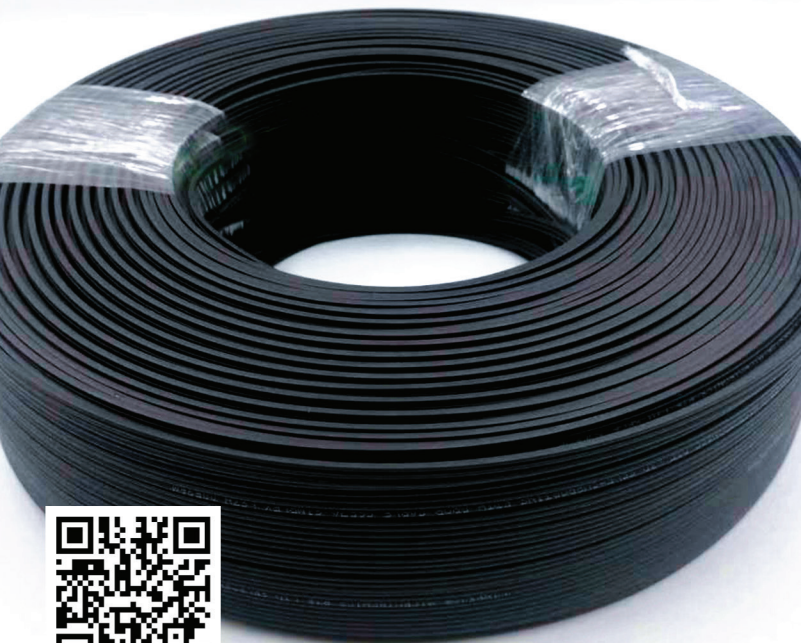
ADSS CABLES

- Multi Loose Tube With Central FRP Single Jacket Self Support Yarns
- 1 Central FRP – 2mm/2.5mm/1.6mm/3.5mm
- Virgin HDPE: Gold & Platinum
- Fibre Type: G652-D, G657A1, G657A2
- Variety: Gold & Platinum
- Available: 12F to 288F

FIG-8 AERIAL CABLES

- Multi Loose Tube With Central FRP Aerial Cable
- Strand Wire 2.7/3.6 mm
- Virgin HDPE: Gold & Platinum
- Fibre Type: G652-D, G657A1, G657A2
- GFR Glass Yarn: Self Support Strand Wire For Laying the Cable
- Available: 12F to 288F





DROP CABLES

DROP CABLES



FLAT DROP OUTDOOR CABLE

- Suitable for outdoor installation
- Suitable for aerial installation, to the end Connectivity up to home
- Easy installation
- Broadband network
- Gel free design
- Available upto 2 fibres

FLAT DROP INDOOR CABLE

- Suitable for indoor installation in any type of civil structures
- Suitable for aerial installation to the end connectivity up to home
- Easy installation
- Broadband network
- Gel free design
- Available upto 4 fibres



FTTH DROP CABLE ROUND (NO FRP)

- 1F per tube - Blue Colour
- 4F per tube - Blue, Orange, Green & Aqua/Natural Or Any Colour
- PBT Loose Tube Filled With Thixotropic gel
- Glass fibre roving to meet tensile strength & anti buckling properties GFR (Non Metallic) - 2 Nos TEX 600
- UV Proof HDPE - Black

FTTH DROP CABLE ROUND (NO GFR-YARN)

- 1F per tube - Blue Colour
- 4F per tube - Blue, Orange, Green & Aqua/Natural Or Any Colour
- PBT Loose Tube Filled With Thixotropic gel
- FRP x 0.5mm FRP to meet tensile strength & anti buckling properties FRP (Non Metallic) - 2 Nos
- UV Proof HDPE - Black

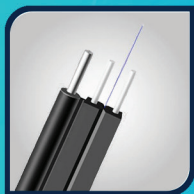




FTTH

PATCH CORDS

FTTH PATCH CORDS

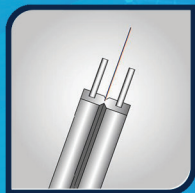


3 STEEL/FRP-(FLAT)

- LSZH/PVC Compound
- 0.5mm STEEL/FRP
- Steel Rod (0.6mm) for Self Support
- Fibre Type: G652-D, G657A1, G657A2
- Available in 1F-4F
- Connectors: SC-APC & SC-UPC

2 STEEL/FRP (FLAT)

- LSZH/PVC Compound
- 0.5mm Steel/FRP
- Fibre Type: G652-D, G657A1, G657A2
- Available in 1F-4F
- Application: Through outdoor deployment best for underground routes
- Connectors: SC-APC & SC-UPC



2 STEEL/FLAT WITH OUTER JACKET-(FLAT)

- LSZH/PVC Compound
- 0.5mm Steel/FRP
- Second Outer Jacket of Virgin Grade HDPE for Insulation
- Fibre Type: G652-D, G657A1, G657A2
- Available in 1F-4F
- Connectors: SC-APC & SC-UPC

DROP CABLE ROUND

- LSZH/HDPE Compound
- 0.5mm FRP/Steel
- Virgin HDPE: Gold & Platinum
- Fibre Type: G652-D, G657A1, G657A2
- Application: Best Used for Indoor Application outdoor overhead patch links
- Available in 1F-4F
- Connectors: SC-APC & SC-UPC





OPTICAL

PATCH CORDS & PIGTAILS

OPTICAL PATCH CORDS



SIMPLEX / DUPLEX, SINGLE MODE / MULTI MODE

- High Quality Zirconia Ferrules
- PC Radius Ferrule Tip
- Insertion Loss 100%
- Lengths: 1-50 Metres
- CONNECTORS: LC/SC/ FC E2000
(ANY COMBINATION)

SIMPLEX

SIMPLEX

DUPLEX

DUPLEX

SINGLE MODE

MULTI-MODE

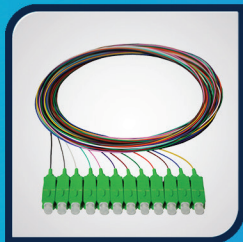
SINGLE MODE

MULTI-MODE

FIBRE PIGTAILS

FIBRE OPTIC PIGTAILS

- Stable Capability & High Reliability
- Excellent Mechanical Capability
- Boots in a Variety of Colors
- High back Reflection Loss
- Low Insertion Loss
- Fibre type: G657A (1F-12F)



✓ LC / APC ✓ LC / UPC ✓ SC / APC ✓ SC / UPC ✓ FC / APC ✓ FC / UPC ✓ ST PC



CPRI

Outdoor Patch Cords

CPRI PATCH CORDS



FULLAXS DLC ERICSSON (WATERPROOF)

- Waterproof IP67 protection ²
- Durability: 0.2dB Max. 1000 mattings ¹
- Operating Temperature: -40°C~+85°C ¹
- Storage Temperature: -40°C~+85°C ¹

PDLC DLC (WATERPROOF)

- Both PDLC and DLC can be used in waterproof applications
- Can switch between transparent and opaque states
- Consists of liquid crystals dispersed in a polymer matrix
- Used in displays, such as smart glass, to control light transmission



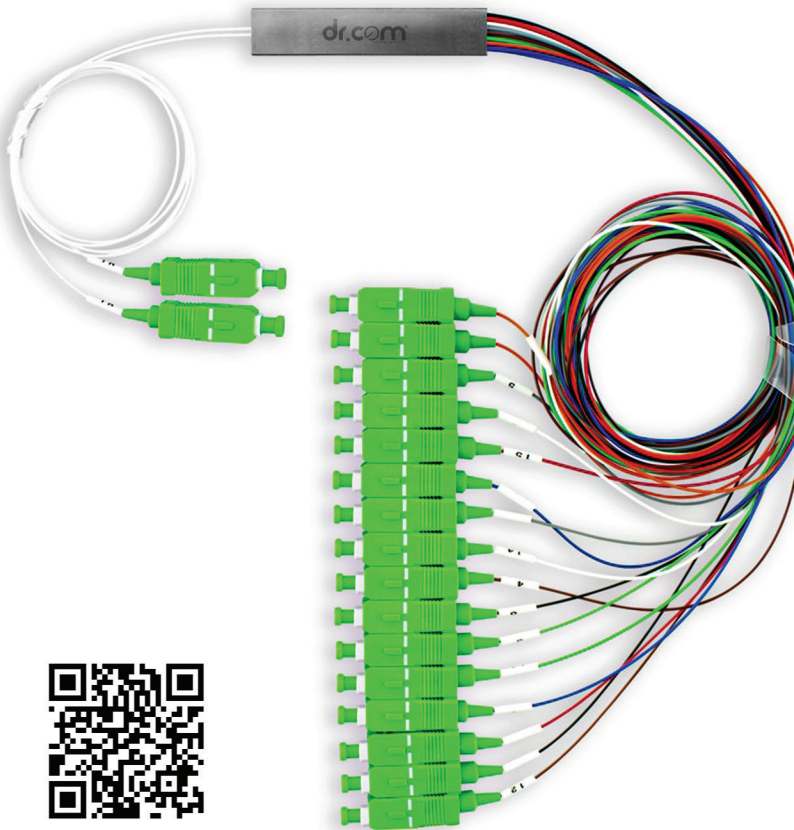
SPIRAL FANOUT

- Efficient use of space
- Reduced congestion or overlap
- Improved signal integrity or flow
- Electronics: Spiral fanout patterns are used to route wires or traces on printed circuit boards or integrated circuits (ICs) to minimize (PCBs) congestion and optimize space

NSN BOOT NOKIA

- NSN (Network Systems): A division of Nokia that focused on network infrastructure and software
- Power-on: The device is turned on, and the boot loader starts executing
- Handover: Control is handed over to the loaded firmware or operating system





SPLITTERS & COUPLERS

SPLITTERS & COUPLERS



PLC SPLITTER

- With & Without Connector
- Quartz Substrate Integrated Waveguard
- Good Uniformity & Low Insertion Loss
- Low Polarization Dependent Loss
- Excellent Environmental Stability
- Available Splits: 1:2, 1:4, 1:8, 1:16, 1:32, 1:64, 2:2, 2:4, 2:8, 2:16, 2:32, 2:64

PLC (LGX CASSETTE) SC/UPC

- 2 Way • 4 Way • 8 Way • 16 Way
- Low Insertion Loss
- Low PDL
- High Return Loss
- Uniform Power Splitting



PLC SPLITTER (ABS-TYPE)

- 2 Way • 4 Way • 8 Way
- Broadband Operation Wavelength
- Low Insertion Loss
- Low PDL
- Good Channel-to-Channel Uniformity
- High Reliability & Stability

RATIO COUPLERS

- Low Insertion Loss
- High Polarization Isolation
- PM & Non-PM Types Available
- Very Precise Coupling Ratio Adjustment — from 0-100%
- Available Ratios: 50/50, 40/60, 30/70, 25/75, 15/85, 10/90, 5/95





FIBRE

MANAGEMENT SYSTEM

FIBRE MANAGEMENT SYSTEM



FIBRE MANAGEMENT SYSTEM

- Rack Mountable with Various Options
- Central Office Texture Grey
- Bottoms Side Cable Entry
- Solid Steel Construction



24 CORES



48 CORES



96 CORES

WALLMOUNT (FMS)

FIBRE MANAGEMENT SYSTEM

- FC, LC, SC, ST output interfaces optional
- Reasonable working space to integrate the pigtail, cables and adapters
- Made of cold roll steel, electrostatic spraying small dimension and exquisite easy for operation
- Special design ensures the excess fiber cords and pigtails in good order



24 CORES



48 CORES



96 CORES



FIBRE

DISTRIBUTION BOX

FIBRE DISTRIBUTION BOX



FIBRE DISTRIBUTION BOX

- Water-Proof Design with IP-65 Protection Level
- Material ABS body
- Operating temperature - 10 C° to + 60 C°
- Suitable for the Fusion Splice or Mechanical Splice
- Manage Fibres in a Reasonable Fibre Radius Condition
- Locking security lock bolts with key

AVAILABLE IN



4 WAY



8 WAY



16 WAY



16 WAY MINI



32 WAY



48 WAY



OPTICAL FIBRE

ENCLOSURE DOME TYPE

OPTICAL FIBRE ENCLOSURE DOME TYPE



DOME UNLOADED BAMBOO TYPE

- Waterproof, dustproof, protection level IP68
- Adapt to bunchy&ribbon fibre
- Easy to re-open without changing sealing material
- Enough space for wiring and storing fibres

- Dome outdoor fiber optic splice enclosure is used for optical fiber cable splicing and protection in outdoor environments
- It is made of high quality ABS
- The closure can be opened and used again, no need to change the sealing material after sealed

AVAILABLE IN



24F- DOME BAMBOO TYPE



48F- DOME BAMBOO TYPE



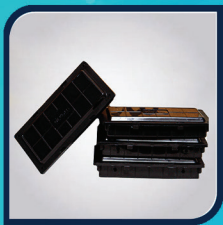
96F- DOME BAMBOO TYPE



JOINT

ENCLOSURE

JOINT ENCLOSURE



TIFFIN BOX

- Low Mated Pair Insertion Loss
- Removable Cover for Easy Access & 100% Waterproof
- Designed to be an Outdoor Usage & 14 Splicing Tubes can be Fixed in this
- High-Quality Plastic are Compact & Lite Weight. Easy to install & long life



TIFFIN BOX (2 WAY MINI)



TIFFIN BOX (2 WAY)



TIFFIN BOX (4 WAY)

FTTH TERMINATION BOX



FTTH TERMINATION BOX

- Economic Design
- Built-in Box Surface, Convenient Installation
- With Dustproof Device to Prevent Dust From Entering
- Compact Low Profile



CAT5/CAT6
CABLES

CAT 5/6 CABLES



CAT 5e 2 PAIR UTP LAN CABLE

- Solid bare electrolytic grade copper
- polyethylene hdpe
- twisted into two core
- 0.06 mm nominal
- Available in : 250 mtr & 500 mtr in coils

CAT 5e 4 PAIR UTP LAN CABLE

- Conductor Resistance (DC): 153 Ω Km @200 C. Max
- Resistance Unbalance: 5 % Max
- Mutual Capacitance: 5.6 nF/100 mtr Max
- Capacitance Unbalance Pair/Ground 330PF/100M Max
- Propagation Delay Skew: < 536 ns/100M
- Normal Velocity of Propagation: 69%
- Available in : 305 mtr coils & drums



CAT 6 4 PAIR UTP CABLE

- pair unshielded twisted pair (UTP) cable-4
- Pairs are braided in aluminum foil with drain wire
- HDPE insulation
- FR PVC Jacket
- Verified compliant with EIA/TIA standards by ETL
- Available in : 305 mtr coils & drums



COAXIAL CABLES

RG-6 CATV COAXIAL CABLES



RG-6 COAXIAL ALUMINUM CABLE

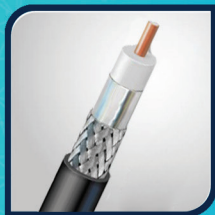
- Thin and easy to bend
- Compatible with GHz level signals
- Minimizes static
- Better signal quality
- Superior protection from signal interference
- Minimizes picture quality

RG-6 COAXIAL COPPER CABLE

- gauge solid bare copper center conductor-18
- Quad-shielded 60/40 aluminum braid
- CMX-rated flame-retardant jacket
- Sweep tested to 3GHz
- UL listed
- Available in: 250 mtr & 350 mtr coils & drums



RG-11 COAXIAL CABLES



RG-11 COAXIAL CABLE

- **Excellent Signal Transmission:** The Cable offers little to no attenuation until it reaches a certain length
- **Withstands Interference:** Features a solid 14 AWG copper clad steel center conductor with a 60% aluminum braid and 100% aluminum foil shield



CAT 5/6 UTP PATCH CORDS

CAT 5/6 UTP



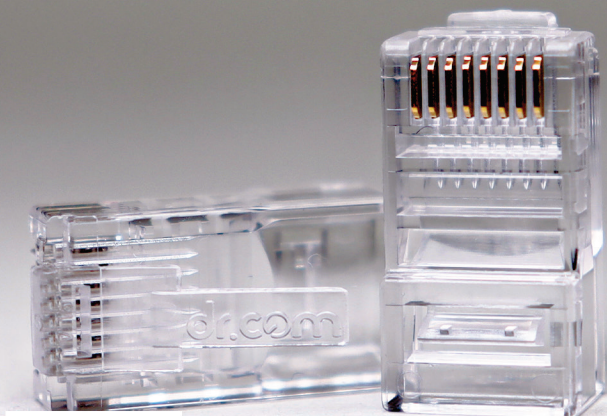
CAT 5

- Supports up to 1 Gbps (1000 Mbps) data transfer rate
- Frequencies up to 100 MHz
- Ethernet networks (LAN)
- Telephone systems
- Video surveillance
- Cable contains 4 twisted pairs of copper wires
- Can be used for distances up to 100 meters (feet 328)

CAT 6

- Supports up to 10 Gbps (10,000 Mbps) data transfer rate
- Frequencies up to 250 MHz
- Ethernet networks (LAN)
- Telephone systems
- Video surveillance
- Cable contains 4 twisted pairs of copper wires
- Can be used for distances up to 100 meters (feet 328)
- Backward compatible with Cat 5 and Cat 5e
- Cat 6 offers several advantages over Cat 5, including
- Faster data transfer rates
- Improved signal-to-noise ratio
- Reduced crosstalk and interference
- Cat 6 has been widely adopted in commercial and industrial settings, and is a popular choice for
- Network upgrades
- New installations
- High-speed applications (e.g., video streaming, online gaming)





ACCESSORIES

ACCESSORIES



RJ45 CONNECTORS

- RJ45 Modular Plug with 8P8C
- Meet Wiring Scheme T568A/T568B
- 3 Prong Design with Gold Plating
- 750 Mating Cycle
- Pack of 100 Plugs

FC, LC, SC ADAPTERS

- Single Mode & Multimode
- Zirconia sleeves or Phosphor Bronze Sleeves
- NTT Standard Compatible
- Compliant with IEC874-14 & IEC874-19



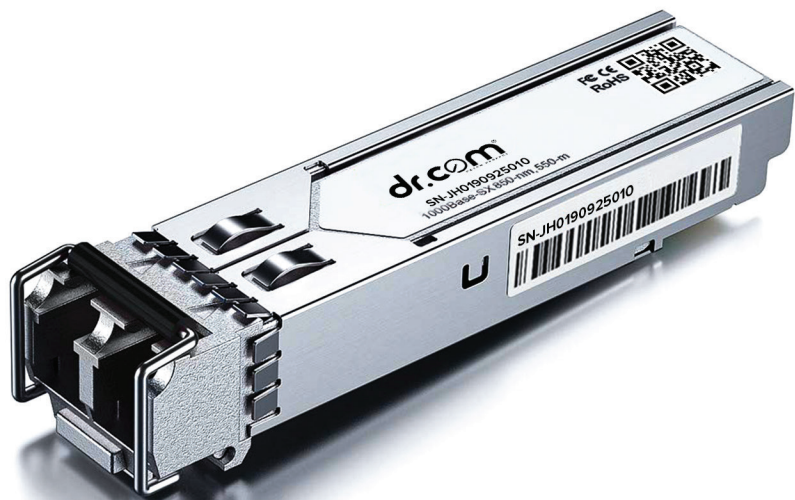
FAST CONNECTORS

- Simple Tooling
- Fast Assembly
- Flexible Application
- Easy Operation
- CATV, Distribution Application
- FTTX Application

FIBRE SLEEVES

- Moisture Resistant to Environmental Protection
- Clear Sleeves make it easy to Detect Splices Before Shrinkage
- Easily use & Avoid any Damage to the Optical Fibre During Installation





SFP

TRANSCEIVERS

SFP TRANSCEIVERS

A small form-factor pluggable (SFP) transceiver is a compact, hot-swappable, input/output transceiver used in data communication & tele-communications networks.

SFP interfaces between communication devices like switches, routers & fiber optic cables, and performs conversions between optical and electrical signals.

SINGLE FIBRE



1G



10G

DUAL FIBRE



1G



10G

COPPER



1G

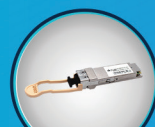


10G

QSFP



40G



100G

CWDM



1G



10G

PON MODULE



EPON



GPON



MULTIPLE OUTPUT
SMART UPS

SMART UPS



MULTIPLE OUTPUT DRU-8000

- 8000 mah Battery
- Hours Continuous Power Supply+6
- Smart Charging
- Multiple Output Compatible with 5V, 9V, 12V
- Mini Size - Convenient to Carry

MINI SIZE UPS DRU-6000

- 6000 mAh Battery
- Smart Charging
- Single Output 12V
- Mini Size - Convenient to Carry
- LED Indicators



USB-HUB



USB-C MULTIFUNCTION ADAPTERS

- USB-C
- HDMI 4K
- SD/TF
- 100mm Ethernet Port



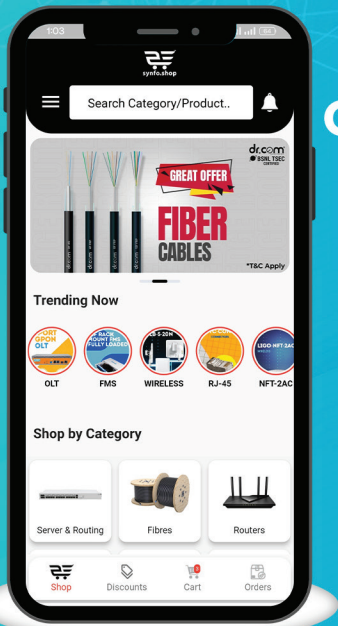
DCH-100



DCH-300



DCH-800



ONLINE PARTNER **synfo.shop**

Entire Market, One App!



CONNECT WITH US



DOMESTIC



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SUPPORT



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INTERNATIONAL



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FIBRERING THE WORLD