

dr.com[®]
PATCH PERFECT

 **BSNL TSEC CERTIFIED**

 **RDSO COMPLIED**

FIBRERING THE WORLD

www.dr-com.com

ABOUT US



dr.com (www.dr-com.com) 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 headquartered 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.





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-PRIVATE



DEN



HATHWAY



ALLIANCE



ION



ACT



D-VOIS



ISHAN



INTECHONLINE



SAMPARK



GTPL



TATA TELESERVICES
LIMITED



INDUS



NATIONAL HIGHWAY
AUTHORITY OF INDIA



NETWORK DIGITAL

CLIENTELE-GOVERNMENT



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

SOLUTIONS

FIBRE CABLES



FIBRE CABLES



DROP CABLES



MPO CABLES

PATCH CORDS



FTTH PATCH CORDS



OPTICAL PATCH CORDS



CPRI PATCH CORDS

COAXIAL CABLES



RG - 6 ALUMINIUM



RG - 6 COPPER



RG - 11

ENCLOSURE



FIBRE DISTRIBUTION BOX



FIBRE ENCLOSURE



JOINT ENCLOSURE

SOLUTIONS

CAT CABLES



CAT 5/6 CABLES



CAT 5/6 UTP

FIBRE MANAGEMENT SYSTEM



WALLMOUNT



RACKMOUNT

ACCESS POINT



OUTDOOR



INDOOR

POE SWITCHES



10/100Mbps



Full Gigabit

SOLUTIONS

SPLITTERS & COUPLERS



PLC SPLITTERS



PLC CASSETTE



PLC ABS



RATIO COUPLER

ACCESSORIES



RJ 45



FC, LC, SC ADAPTERS



FAST CONNECTORS



FIBRE SLEEVES

SFP TRANSCEIVER



SINGLE FIBRE



COPPER



QSFP



EPON

SMART UPS



DRU - 8000



DRU - 6000



USB - HUB



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, G657D2
- 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



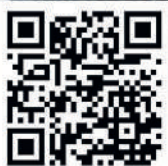
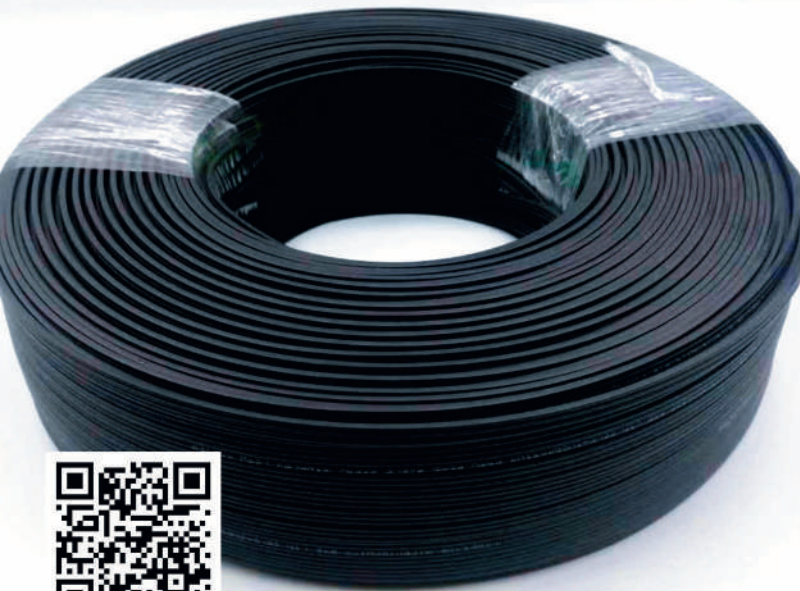
ADSS CABLES

- 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



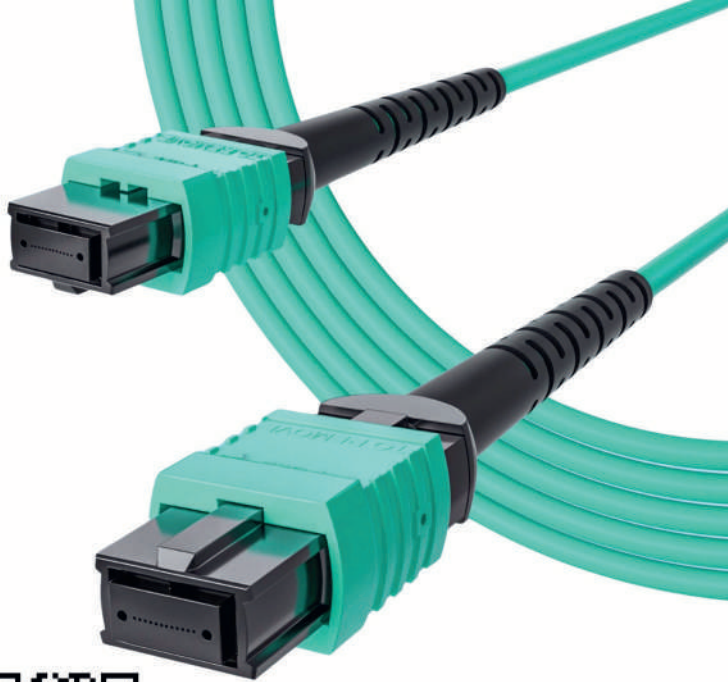
FTTH DROP CABLE ROUND (NO FRP)

- 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





MPO CABLE

MULTI-FIBER PUSH-ON

MULTI-FIBER PUSH-ON



- MPO (Multi-fiber Push On) cable is a high-performance fiber optic solution designed for high-density network environments.
- Featuring a compact and robust design, MPO cables enable quick and efficient connections with multiple fibers in a single compact connector.
- Ideal for data centers and telecom applications, these cables provide high-speed, reliable performance while saving space and reducing installation time.

FEATURES

- Conec MTP® connector, Senko MPO Plus® premium connector
- SMF-28 Ultra optical fiber, Corning Clearcurve® OM3/OM4 fiber, YOFC Maxband® OM5 fiber
- OS2, OM3, OM4, OM5 available
- 0.35dB elite low loss connector
- Factory terminated and tested
- Allow easy migration from 10GbE to 40GbE or 100GbE
- Pulling eyes are provided as an option to protect the fiber ends during installation

STANDARDS COMPLIANCE

- RoHS, CE (EN 50575 CPR), ISO9001 and WEEE Compliant
- EIA/TIA, Telcordia GR-326-CORE Standards
- IEC61754-7
- TIA 605-4 (FOCIS 5)
- YD/T1272.5 Management VLAN



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



SINGLE MODE

DUPLEX



MULTI-MODE

DUPLEX



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





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



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



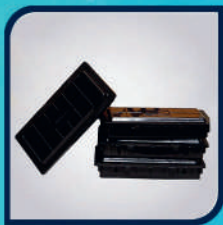
96F- DOME BAMBOO TYPE



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



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)





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



ACCESS POINT

ACCESS POINT



- An Access Point (AP) is a device that enables wireless devices to connect to a wired network via Wi-Fi.
- It acts as a bridge, extending the coverage area and providing internet or intranet connectivity to devices like smartphones, laptops, or tablets.
- Access points are commonly used in offices, schools, and homes to create wireless networks and improve signal strength in areas with weak connectivity.
- They can be standalone devices or integrated into routers, offering features like multiple frequency bands (2.4GHz, 5GHz), security protocols (WPA2, WPA3), and support for high-speed data transfer.

TECHNICAL SPECIFICATION

Standards

IEEE 802.11b/g/n/ax on 2.4GHz |

IEEE802.11a/n/ac/ax on 5GHz

Processor

Qualcomm® 1Ghz Quad-Core CPU with dedicated NSS

WIRELESS SPECIFICATIONS

Operating Frequency

Dual-Radio Concurrent 2.4GHz & 5 GHz

Operation Modes

AP, Mesh

Transmit Power

2.4 GHz: 26 dBm | 5 GHz: 26 dBm

MANAGEMENT

Multiple BSSID

8 SSIDs for both 2.4GHz and 5GHz radios

VLAN Tagging

Supports 802.1q SSID-to-VLAN Tagging |
Cross-band VLAN Pass Through
Management VLAN

MECHANICAL SPECIFICATION

Temperature Range

Operating: -4°~140°F / -20°C~60°C |
Storage: -40°F~-176°F / -40°C~80°C

Humidity (non-condensing)

Operating: 90% or less |
Storage: 90% or less



POE SWITCHES

POE SWITCHES

DRCOM's range of PoE Switches include both Gigabit & non-Gigabit smart models designed to power IP cameras, wireless access points, IP phones, and other PoE-enabled devices. With advanced AI features and multiple power options, they provide reliable performance, efficient power management, and scalable Ethernet networking solutions.

AVAILABLE IN



4-Port PoE+

65W

- 2X10/100 Mbps UP-Link ports
- 2X10/100/1000 Mbps UP-Link ports

8-Port PoE+

120W

- 2X10/100 Mbps UP-Link ports
- 2X10/100/1000 Mbps UP-Link ports
- 2 X10/100/1000 Mbps UP-Link port + 2 SFP



16-Port PoE+

250W

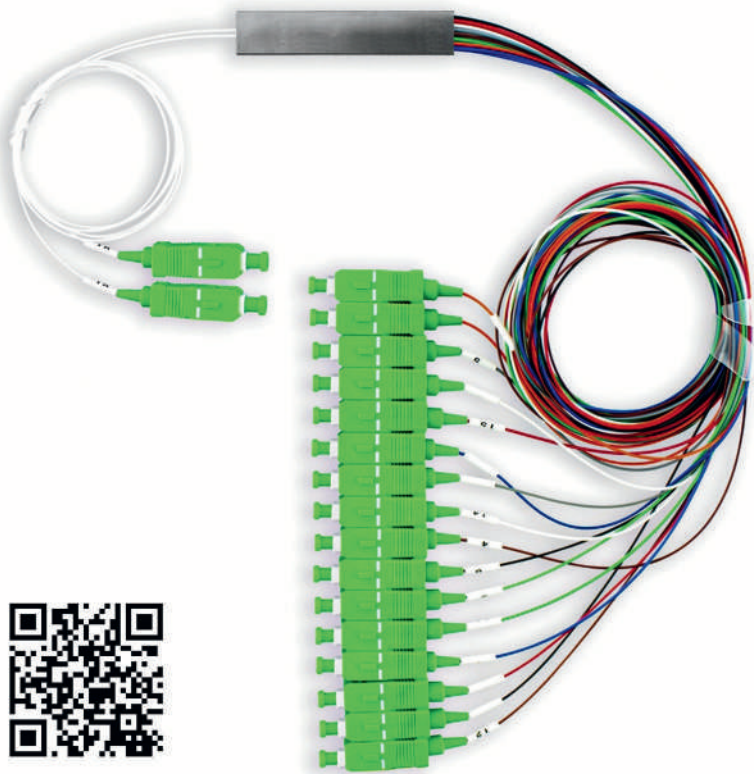
- 2 X10/100/1000 Mbps UP-Link port + 1 SFP
- 2x 10/100/1000 Mbps UP-Link port + 2 SFP

24-Port PoE+

320W

- 2x 10/100/1000 Mbps UP-Link port + 1 SFP
- 2 x 10/1000 Mbps UP-Link port + 2 SFP





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





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



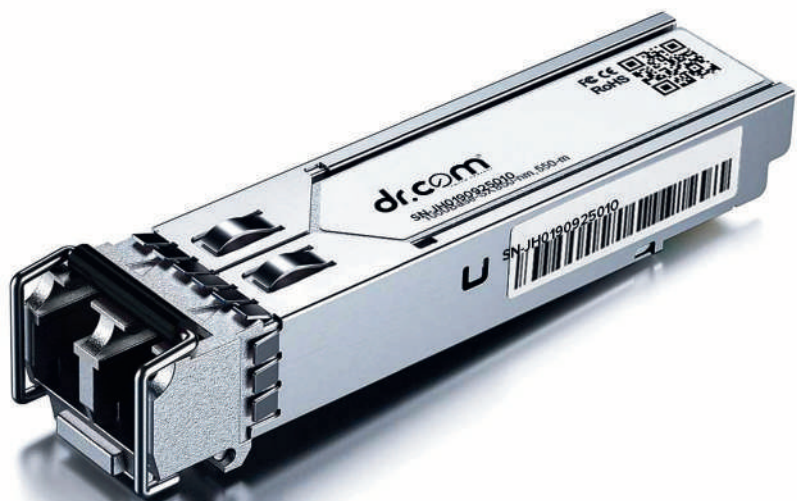
FAST CONNECTORS

- 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



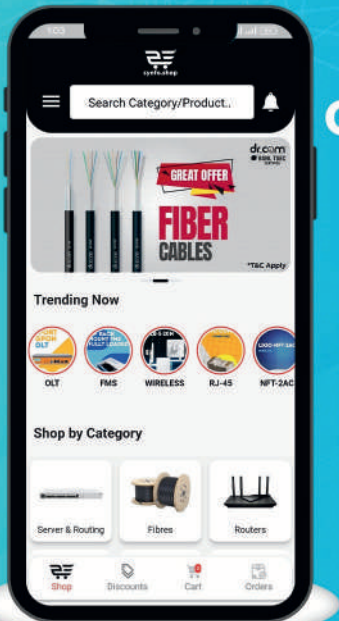
DCH-100



DCH-300

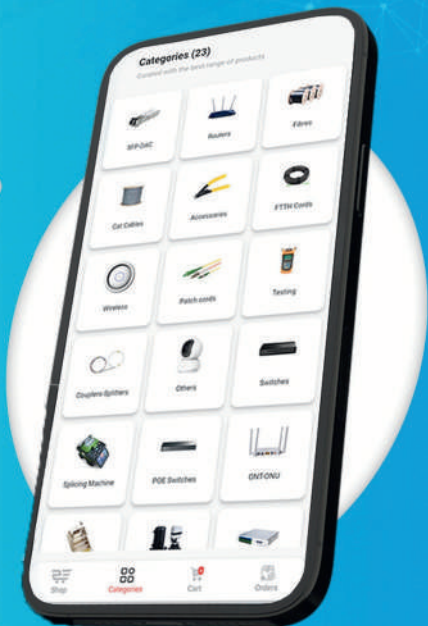


DCH-800



ONLINE PARTNER
synfo.shop

**Entire Market,
One App!**



DOMESTIC



+91 82919 37986



FREE SAMPLE

SUPPORT



+91 82919 37997



BECOME A PARTNER

INTERNATIONAL



+91 98693 83380



Email: info@dr-com.in



Toll Free: 1800-267-3866

CONNECT WITH US



Visit
www.dr-com.com

dr.com[®]
PATCH PERFECT



BSNL TSEC CERTIFIED



RDSO COMPLIED



FIBRERING THE WORLD