

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-quatered 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

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





ISO CERTIFIED

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



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ISHAN



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SAMPARK



GTPL



TATA TELESERVICES



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

CERTIFICATIONS









SOFTWARE SOLUTIONS





HARDWARE SOLUTIONS



















CPRI PATCH CORDS







FIBRE ENCLOSURE



CAT 5/6 CABLES







CAT 5/6 UTP

ACCESSORIES

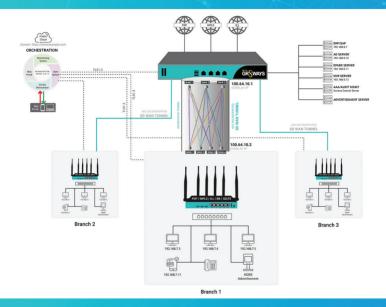
SFP TRANSCEIVERS

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

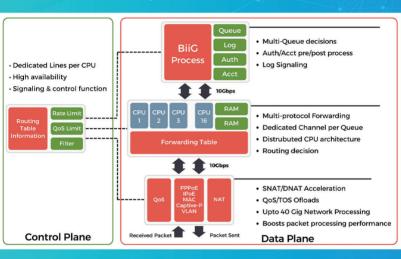


Dr.BiiG

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
- 1Central 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





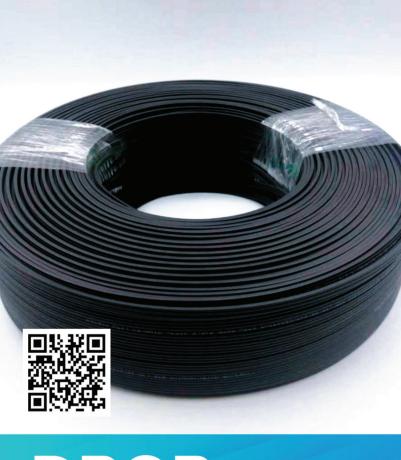
ADSS CABLES

- 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





DROPCABLES

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 TFX 600
- UV Proof HDPE Black

FTTH DROP CABLE ROUND (NO GFR-YARN(

- IF 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 & antibuckling properties FRP (Non Metallic) - 2 Nos
- UV Proof HDPE Black





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, G657AL, 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





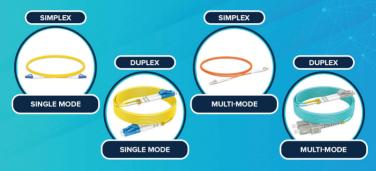
OPTICAL PATCH CORDS & PIGTAILS

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)



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(



VLC / APC VLC / UPC VSC / APC VSC / UPC VFC / APC VFC / UPC VST PC





CPRIPATCH CORDS



FULLAXS DLC ERICSSON (WATERPROOF)

- Waterproof IP67 protection ²
- Durability: 0.2dB Max. 1000 mattings 1
- Operating Temperature: -40°C~+85°C¹
- Storage Temperature: -40°C~+85°C1

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





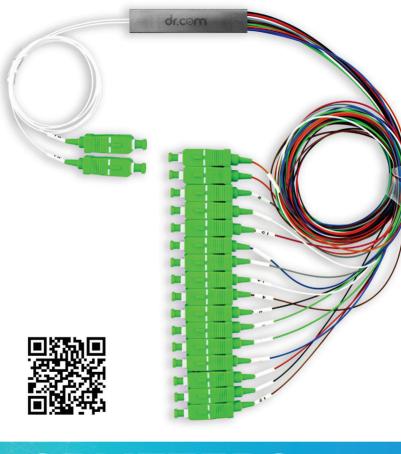
SPIRAL FANOUT

- 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 Polaration Dependent Loss
- Excellent Environmental Stability
- Avaliable 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(

- o 2 Way o 4 Way o 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%
- Avaliable Ratios: 50/50, 40/60, 30/70, 25/75, 15/85, 10/90, 5/95

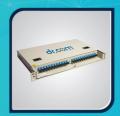






FIBRE MANAGEMENT SYSMTEM

FIBRE MANAGEMENT SYSMTEM



FIBRE MANAGEMENT SYSTEM

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







WALLMOUNT (FMS)

FIBRE MANAGEMENT SYSTEM

- FC, LC, SC, ST output interfaces optional
- Reasonable working space to integrate the piqtail, 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

- 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





8 WAY



16 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









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(

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

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
- HDPF insulation
- FR PVC Jacket
- Verified compliant with EIA/TIA standards by ETL
- Available in: 305 mtr coils & drums



COAXIALCABLES

RG-6 CATV COAXIAL CABLES



RG-6 COAXIAL ALUMINIM 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

A small form-factor plugable (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.













COPPER

QSFP









CWDM

PON MODULE















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

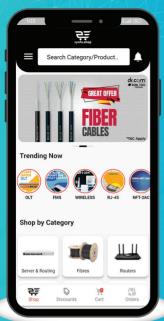
- USB-C
- HDMI 4K
- SD/TF
- 100mm Ethernet Port





DCH-300





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FIBRERING THE WORLD

