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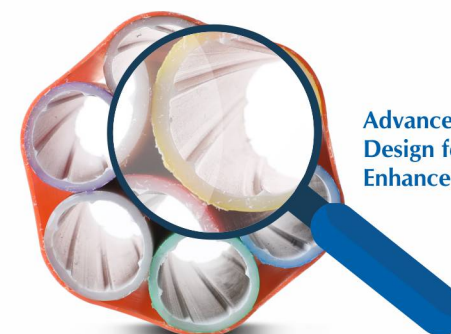
For More Detail



BERLIA
HDPE PIPES



**BERLIA UTILITY
FOR SMART
SOLUTIONS**



Advanced Internal Spiral Ribbed
Design for Reduced Friction and
Enhanced Strength.



Certified Company

BERLIA HDPE 7 Way 40mm Multiduct (BERLIA UTILITY)

BERLIA 40mm 7 WAY HDPE DUCTS are highly in demand for various CM GRID Scheme going on in different cities, we are manufacturing Quality 7-way Duct 40mm with multiple colors as per approved by CM GRID / Municipal Corporation.

An Introduction of BERLIA 7 WAY Multiducts

HDPE Multiduct 7-Way is a high-performance underground ducting system consisting of seven individual ducts integrated into a single outer HDPE structure. It is primarily used for organized and protected installation of telecom, fibre optic, power, and communication cables in infrastructure projects.

BERLIA Multiduct system enables multiple cable routes within a compact duct arrangement, reducing excavation requirements, installation time, and overall project cost.

Construction BERLIA 7-way multiducts generally consists of:

- One outer HDPE protective sheath
- Seven inner micro ducts or sub-ducts
- Smooth or ribbed inner surfaces for easy cable blowing
- Color-coded ducts for cable identification

The ducts are manufactured using high-quality HDPE material, ensuring flexibility, impact resistance, and long service life.

BERLIA Spiral Ribbed HDPE duct

BERLIA Internally spiral ribbed HDPE ducts are specially designed with helical ribs on the inner surface of the duct. These ribs improve cable installation performance, particularly for fiber-optic and telecom applications. The main value proposition of Internal Spiral Ribbed PLB Ducts is: "Lower friction, longer blowing distance, faster fiber installation, and reduced network deployment cost."

Features of BERLIA HDPE 7-Way Multiducts

- High impact and crush resistance
- Lightweight and flexible construction
- Corrosion and chemical resistant
- UV stabilized for outdoor applications
- Excellent mechanical strength
- Long operational life
- Reduces trench width and installation cost
- Suitable for direct burial applications
- Anti-termite Properties
- Available with inner Smooth / Straight Ribbed / Spiral Ribbed

As per ASTM F2160 / ASTM D2444

Applications of BERLIA HDPE 7 Way Duct



Telecom Industry

Optical fibre cable networks
FTTH (Fiber to Home) projects
Broadband infrastructure
5G network cable protection



Power Sector

Low voltage cable ducting
Smart grid infrastructure
Underground electrical cabling



Infrastructure Projects

Metro rail communication systems
Highway communication corridors
Airport communication networks
Smart city projects



Industrial Applications

Data communication networks
Industrial automation cabling
Campus networking systems

Advantages of BERLIA 7-Way Multiduct System

- **Space Optimization**
Multiple ducts in a single assembly reduce trench space requirements.
- **Faster Installation**
Pre-arranged duct configuration minimizes on-site labor and installation time.
- **Cable Protection**
Provides superior protection against moisture, soil pressure, and external damage.
- **Future Expansion**
Extra ducts can be reserved for future cable additions without additional excavation.
- **Cost Effective**
Reduces civil work, manpower, and maintenance expenses.

Typical BERLIA HDPE 7 WAY Multiducts configurations may include:

- 7 x 32 mm
- 7 x 40 mm
- 7 x 50 mm
- Custom combinations are also available depending on project requirements.

Industry wise distribution of BERLIA HDPE Multiducts 7-Way usage:



Tele
communications



Infrastructure
development



Smart cities



Railways



Defence
communication
networks



Data
centres



Utility service
providers