



# Universal Drop Duct FRP (PIA Approved)

Suitable for aerial applications along power lines as well as direct burial or direct install

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## Features

- Aerial, dielectric, self-supporting design
- Low friction inner surface
- Excellent UV resistance
- Controlled tensile breaking force for maximum security, less than 2000N

## Application

The ducts are dielectric and self-supported. This makes the ducts suitable for aerial applications along power lines as well as direct burial or direct install.

## Product Information

**Microducts:** HDPE

**Strain relief:** FRP

## Technical Information

|                                       |  |
|---------------------------------------|--|
| <b>Product Color</b>                  | Black  |
| <b>Temperature, Operation [°C]</b>    | -20 to +60   |
| <b>Temperature, Storage [°C]</b>      | -30 to +70   |
| <b>Temperature, Installation [°C]</b> | -15 to +50   |
| <b>Fiber Type</b>                     | G657A1;G657A2  |
| <b>Conformance</b>                    | <p><b>Abrasion:</b> IEC 60794-1-21-E2B(1)</p> <p><b>Kink:</b> IEC 60794-1-21-E10,</p> <p><b>Impact:</b> IEC 60794-1-21-E4</p> <p><b>Crush:</b> IEC 60794-1-21-E3</p> <p><b>Bend:</b> IEC 60794-1-21-E11A</p> <p><b>Torsion:</b> IEC 60794-1-21-E7</p> <p><b>Inner Clearance:</b> IEC 60794-1-21-E123, IEC 60794-5-10, Ann. D</p> |
| <b>Marking</b>                        | <p>Marking: Example of sheath marking, 1 time/meter: “= xxxxx M = HEXATRONIC – MPB30315+ yy.mm.dd” where yy.mm.dd = year, month and day of manufacture, xxxxx=running meter marking.</p>   |
| <b>Installation Notes</b>             | <p>The cable shall only be installed using approved suspension clamps. Recommended maximum span length for PIA applications is 50m, Deployment wind loads and 10mm ice coverage should be taken into consideration and will reduce recommended installation length.</p>  |

## Technical Details



## Articles 4

| Article name   | Color | Layout  | Bend Radius [mm] | Tensile Force | Crush Force, Installation [N] | Crush [N/100 mm] | Impact [J] | Diameter $\varnothing$ [mm] | Weight [kg] | Length [m] | Form of Delivery |
|--|-------|---------|------------------|---------------|-------------------------------|------------------|------------|-----------------------------|-------------|------------|------------------|
| <b>Universal Aerial Duct 7mm with 0.6mm FRP</b><br>MPB30328/7GN6 | Black | 7/3.7mm | 140              | 500           | 2000                          | 2                | 7          | 280                         | 500         | Drum       |                  |
| <b>Universal Aerial Duct 7mm with 0.8mm FRP</b><br>MPB30328/7GN8 | Black | 7/3.7mm | 140              | 850           | 1900                          | 1                | 7          | 280                         | 500         | Drum       |                  |
| <b>Universal Aerial Duct 6mm with 0.6mm FRP</b><br>MPB30328/6GN6 | Black | 6/3mm   | 120              | 500           | 1700                          | 1                | 6          | 210                         | 500         | Drum       |                  |
| <b>Universal Aerial Duct 6mm with 0.8mm FRP</b><br>MPB30328/6GN8 | Black | 6/3mm   | 120              | 750           | 1500                          | 1                | 6          | 210                         | 500         | Drum       |                  |