



Microduct Connectors and End Stops

For 3-20 mm Microducts

Features

- No metal parts
- Clear transparent body
- Easy “push-in” installation
- Rugged design for direct buried and above ground use
- Locking rings to prevent accidental removal of connector
- For 3 to 20 mm microducts

Application

The connectors and end caps for microducts provide a quick, easy and secure connection or water sealing of microducts.

The product comes in three different versions:

- Straight Connectors are used to join sections of microducts.
- Reduction Connectors are used to join microducts of different dimensions
- End Stops are used to block open duct ends and prevent water and dirt from entering the microduct

The connectors are tested for best functionality in combination with the Hexatronic air blown fibers, nano cables and micro cables.

Design

Robust Design for Any Environment - The connectors and end stops have been designed to be extremely strong so that they can be used for both direct buried non sealed or sealed applications. To avoid unaccidental opening of the connectors when installed into the ground, they are fitted with locking clips on each end. To release a microduct, simply remove the locking clips and push the locking ring of the connector. No additional cover is therefore needed. Note that the locking clips are pre-installed.

Clear Body for Easy Cable Identification - The body is extremely clear to facilitate visual inspection of a blown fiber or micro cable that has been installed.

Metal-free, Zero Corrosion - The products are 100% metal free and non conductive which guarantees that corrosion will not affect the performance.

No Slack - Non Stop Installation - Certain attention has been given to minimize any slack between the microduct and the center of the connector. A smooth transition without slack will minimize the risk of fiber or cable getting caught in the connector and causing a sudden stop in the installation.

Product Information

Material

Body: Polycarbonate

Seal: NBR

Washer: Polyacetal

Collet: Polyacetal

Technical Information

IP Rating	IP68, 5 m
Conformance	<p>CEI DIN EN 50411-2-8:</p> <p>Tightness: EN 61300-2-38:2006, Method A</p> <p>Pressure Drop: EN 61300-2-38:2006, Method B</p> <p>Visual Examination: EN 61300-3-1</p> <p>Tensile Strength, Pipes: EN 61300-2-4 micro</p> <p>Temperature Change: EN 61300-2-22</p> <p>Water Tightness: EN 61300-2-23:1997, Method 2</p> <p>Salt Spray Test: EN 61300-2-26</p>
Certifications	RoHS
Technical Notes	<p>Temperature range, operation, refers to static condition, no pressure applied and according to:</p> <ul style="list-style-type: none">▪ EN 50411-2-8:2010-06 Table 16, test 12 - Sealing performance▪ EN 50411-2-8:2010-06 Table 16, test 12 - Visual appearance▪ EN 50411-2-8:2010-06 Table 16, test 13 - Change in attenuation <p>Temperature range, installation, refers to non static conditions and according to:</p> <ul style="list-style-type: none">▪ EN 50411-2-8:2010-06 Table 14 Complete – Tightness, optical and appearance performance criteria▪ EN 50411-2-8:2010-06 Table 15 Complete – Mechanical requirements▪ EN 50411-2-8:2010-06 Table 16 Complete – Environmental sealing performance requirements
Ordering Information	The articles are ordered in individual pieces, but delivered in packs with defined quantities. See pack size in the article list below.

Articles 30

Article name	Layout	Weight [lbs/ktf]	Form of Delivery
Straight Connector 3/2 mm NPA10201/3	3/2	—	—
Straight Connector 5/3.5 mm NPA10201/5	5/3,5	—	—
Straight Connector 7/3.5 mm NPA10201/7	7/3,5	—	—
Straight Connector 7/4 mm NPA10201/74	7/4	—	—
Straight Connector 10/8 mm NPA10201/10	10/8	0.008	100 pcs/ pack
Straight Connector 10/6 mm NPA10201/106	10/6	—	—
Straight Connector 12/10 mm NPA10201/12	12/10	—	—
Straight Connector 12/8 mm NPA10201/128	12/8	—	—
Straight Connector 14/10 mm NPA10201/14	14/10	—	—
Straight Connector 16/10 mm NPA10201/1610	16/10	—	—
Straight Connector 16/12 mm NPA10201/16	16/12	—	—
Straight Connector 18/12 mm NPA10201/18	18/12	—	—
Straight Connector 18/14 mm NPA10201/1814	18/14	—	—
Straight Connector 20/16 mm NPA10201/2016	20/16	—	—
Straight Connector 20/15 mm NPA10201/2015	20/15	—	—
Reduction Connector 7/3.5 to 5/3.5mm NPA10301/7	7/3,5 // 5/3,5	—	—
Reduction Connector 12/10 to 10/8mm NPA10301/12	12/ 10 // 10/ 8	—	—
Reduction Connector 14/10 to 12/10mm NPA10301/14	14/ 10 // 12/ 10	—	—
Reduction Connector 16/12 to 14/10mm NPA10301/160	16/ 12 // 14/ 10	—	—
Reduction Connector 16/10 to 14/10mm NPA10301/1610	16/ 10 // 14/ 10	—	—
End Stop 3mm NPA10101/3	3	—	—
End Stop 5mm NPA10101/5	5	—	—
End Stop 7mm NPA10101/7	7	—	—

Article name	Layout	Weight [lbs/krft] Form of Delivery	
End Stop 8mm NPA10101/8	8	-	-
End Stop 10mm NPA10101/10	10	-	-
End Stop 12mm NPA10101/12	12	-	-
End Stop 14mm NPA10101/14	14	-	-
End Stop 16mm NPA10101/16	16	-	-
End Stop 18mm NPA10101/18	18	-	-
End Stop 20mm NPA10101/20	20	-	-