



COMPANY WEBSITE

ANMASPC®

ZHEJIANG OULU AUTOMATIC EQUIPMENT CO.,LTD



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COMPANY WEBSITE

<http://www.anmaspc.com>

The graphic features a central white circle containing the text 'ANMASPC®', '20+YEARS', and 'DEDICATED TO INDUSTRY 4.0'. This circle is surrounded by several concentric, overlapping rings in various shades of orange and yellow, creating a sunburst or eye-like effect. The background is a solid dark blue.

ANMASPC®

20+YEARS

DEDICATED TO INDUSTRY 4.0

“**Microduct
Connector**

COMPANY INTRODUCTION

Welcome to Zhejiang Oulu Automatic Equipment Co., Ltd.! With nearly 20 years of product manufacturing experience, we are a leading manufacturer of micro duct connector products in China. Our company holds SGS ISO 9001 system certification, as well as CE and RoHS product certifications, ensuring top-notch quality and compliance with international standards.

At Oulu Automatic Equipment, our dedicated team ensures exceptional service, meeting customer needs with precision. We prioritize quality, evident in our certifications and stringent manufacturing standards. In addition to our commitment to quality, we have the capacity to produce 150,000 micro duct connectors daily and maintain a large stock for quick delivery in bulk quantities.

As a one-stop solution provider dedicated to providing comprehensive solutions for fiber optic communication and microduct blowing, Zhejiang Oulu Automatic Equipment Co., Ltd. stands out as a reliable partner for all your needs. Thank you for considering us for your requirements. We look forward to providing you with top-tier products and unmatched customer service.





High, low and constant pressure and burst testing equipment



Durometer Test Racks



Electronic Insertion and Tension Testing System



5000N Universal Shovel Force Test Equipment



High Resolution Appearance Inspection Microscope



Digital display cloth hardness tester



Sulfur dioxide salt spray tester



High and low temperature aging tester



continuous zoom stereomicroscope



Ventilation Aging Tester

ENTERPRISE QUALIFICATION



Microduct Straight Connector

DESCRIPTION

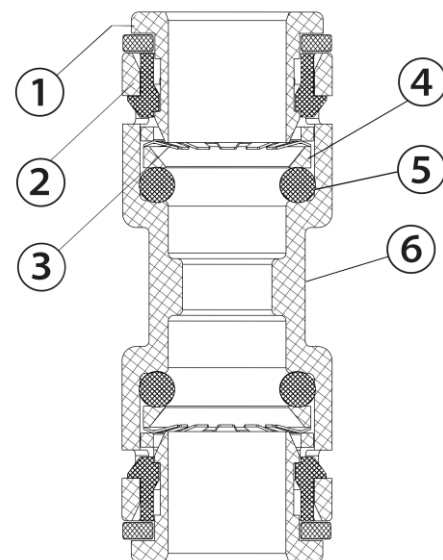
Microduct Straight connector, which guarantee a good performance. Transparent body allows verification of the microducts position inside. Safety clips, tamper evident, are pre-installed. Tested & comply with EN 50411-2-8.

MAIN FEATURES

① Safety clips pre-installed ② Push-fit system ③ Max Working Pressure: 25 bar

General data

Materials:	1.Collar	Polyacetal
	2.Sleeve	Polyacetal
	3.Lock Claw	Stainless steel
	4.Washer	Polyacetal
	5.Seal	EPDM
	6.Body	Polycarbonate
Fluid	Compressed air with blowing system	
Working pressure	15 Bar	
Working temperature	-20°C — +50°C	
Degree of protection	IP68	
Estimated life	25 years	
Standards	EN 50411-2-8 Rohs	
Microduct to connect	Polyethylene HDPE	
Microduct outer diameters	Φ3,Φ4,Φ5,Φ6,Φ7,Φ8,Φ10,Φ12,Φ14,Φ16,Φ18,Φ20	
Patent	Connectors patent	



Ordering Information

	Product Code	Description	for Microduct OD/IDΦ (mm)	A	B	C	D
	FPU3/2.1	Straight Connector 3/2.1mm	3/2.1	27.8	3	2.1	8.3
	FPU4/2.5	Straight Connector 4/2.5mm	4/2.5	36.2	4	2.5	11.8
	FPU4/2.8	Straight Connector 4/2.8mm	4/2.8	36.2	4	2.8	11.8
	FPU5/2.1	Straight Connector 5/2.1mm	5/2.1	36.2	5	2.1	11.8
	FPU5/3.5	Straight Connector 5/3.5mm	5/3.5	36.2	5	3.5	11.8
	FPU6/4	Straight Connector 6/4mm	6/4	36.2	6	4	12.6
	FPU7/3.5	Straight Connector 7/3.5mm	7/3.5	38.8	7	3.5	14.8
	FPU7/4	Straight Connector 7/4mm	7/4	38.8	7	4	14.8
	FPU7/5.5	Straight Connector 7/5.5mm	7/5.5	38.8	7	5.5	14.8
	FPU8/3.5	Straight Connector 8/3.5mm	8/3.5	38.8	8	3.5	14.8
	FPU8/5	Straight Connector 8/5mm	8/5	38.8	8	5	14.8
	FPU8/6	Straight Connector 8/6mm	8/6	38.8	8	6	14.8
	FPU10/6	Straight Connector 10/6mm	10/6	43.0	10	6	16.6
	FPU10/8	Straight Connector 10/8mm	10/8	43.0	10	8	16.6
	FPU12/8	Straight Connector 12/8mm	12/8	47	12	8	19.0
	FPU12/10	Straight Connector 12/10mm	12/10	47	12	10	19.0
	FPU14/10	Straight Connector 14/10mm	14/10	49.8	14	10	21.5
	FPU14/12	Straight Connector 14/12mm	14/12	49.8	14	12	21.5
	FPU16/12	Straight Connector 16/12mm	16/12	55.2	16	12	24.4
	FPU16/13	Straight Connector 16/13mm	16/13	55.2	16	13	24.4
	FPU16/14	Straight Connector 16/14mm	16/14	55.2	16	14	24.4
	FPU18/14	Straight Connector 18/14mm	18/14	69.0	18	14	29.0
	FPU20/14	Straight Connector 20/14mm	20/14	83.4	20	14	33.5
	FPU20/15	Straight Connector 20/15mm	20/15	83.4	20	15	33.5
	FPU20/16	Straight Connector 20/16mm	20/16	83.4	20	16	33.5

Reduction Connector

DESCRIPTION

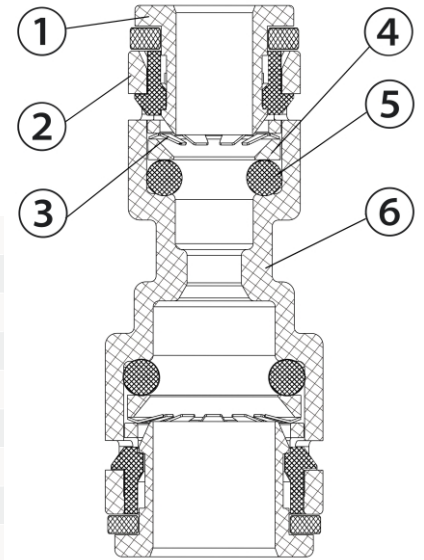
Reducing connector allow interconnection between two micro-ducts with different outer diameter. Typically this is the case of transition point from DB to DI micro-duct entering the house.

MAIN FEATURES

① Safety clips pre-installed ② Push-fit system ③ Max Working Pressure: 25 bar

General data

Materials:	1.Collar	Polyacetal
	2.Sleeve	Polyacetal
	3.Lock Claw	Stainless steel
	4.Washer	Polyacetal
	5.Seal	EPDM
	6.Body	Polycarbonate
Fluid	Compressed air with blowing system	
Working pressure	15 Bar	
Working temperature	-20°C — +50°C	
Degree of protection	IP68	
Estimated life	25 years	
Standards	EN 50411-2-8 Rohs	
Microduct to connect	Polyethylene HDPE	
Microduct outer diameters	Φ5,Φ7,Φ8,Φ10,Φ12,Φ14,Φ16,Φ20	
Patent	Connectors patent	



Ordering Information

	Product Code	Description	for Microduct OD/ID Φ (mm)	A	B	C	D	E	F
	FPG5/3.5-3/2.1	Reduction Connector 5 to 3 mm	5/3.5-3/2.1	32.5	8.7	3	11.8	5	2.1
	FPG5/3.5-4/2.8	Reduction Connector 5 to 4 mm	5/3.5-4/2.8	32.5	11.7	4	11.8	5	2.8
	FPG7/5.5-3/2.1	Reduction Connector 7 to 3 mm	7/5.5-3/2.1	33.8	8.7	3	14.8	7	2.1
	FPG7/5.5-4/2.8	Reduction Connector 7 to 4 mm	7/5.5-4/2.8	37.5	11.7	4	14.8	7	2.8
	FPG7/5.5-5/3.5	Reduction Connector 7 to 5 mm	7/5.5-5/3.5	37.5	11.7	5	14.8	7	3.5
	FPG8/6-3/2.1	Reduction Connector 8 to 3 mm	8/6-3/2.1	33.8	8.7	3	14.8	8	2.1
	FPG8/6-5/3.5	Reduction Connector 8 to 5 mm	8/6-5/3.5	37.5	11.7	4	14.8	8	3.5
	FPG8/6-7/5.5	Reduction Connector 8 to 7 mm	8/6-7/5.5	37.5	11.7	5	14.8	8	5.5
	FPG10/8-5/3.5	Reduction Connector 10 to 5 mm	10/8-5/3.5	40.9	14.9	5	16.6	10	3.5
	FPG10/8-7/5.5	Reduction Connector 10 to 7 mm	10/8-7/5.5	40.9	14.9	7	16.6	10	5.5
	FPG10/8-8/6	Reduction Connector 10 to 8 mm	10/8-8/6	40.9	14.9	8	16.6	10	6
	FPG12/10-7/5.5	Reduction Connector 12 to 7 mm	12/10-7/5.5	43.0	15.4	7	19.0	12	5.5
	FPG12/10-8/6	Reduction Connector 12 to 8 mm	12/10-8/6	43.0	15.4	8	19.0	12	6
	FPG12/10-10/8	Reduction Connector 12 to 10 mm	12/10-10/8	45.1	16.6	10	19.0	12	8
	FPG14/12-8/6	Reduction Connector 14 to 8 mm	14/12-8/6	50.0	15.4	8	21.5	14	6
	FPG14/12-10/8	Reduction Connector 14 to 10 mm	14/12-10/8	50.0	17.4	10	21.5	14	8
	FPG14/12-12/10	Reduction Connector 14 to 12 mm	14/12-12/10	48.5	19.0	12	21.5	14	10
	FPG16/12-10/8	Reduction Connector 16 to 10 mm	16/12-10/8	51.2	17.4	10	24.4	16	8
	FPG16/12-12/10	Reduction Connector 16 to 12 mm	16/12-12/10	51.2	19.3	12	24.4	16	10
	FPG16/14-14/10	Reduction Connector 16 to 14 mm	16/14-14/10	57.0	21.4	14	23.8	16	10
	FPG20/16-16/14	Reduction Connector 20 to 16 mm	20/16-16/14	71.4	26.0	16	33.5	20	14

DESCRIPTION

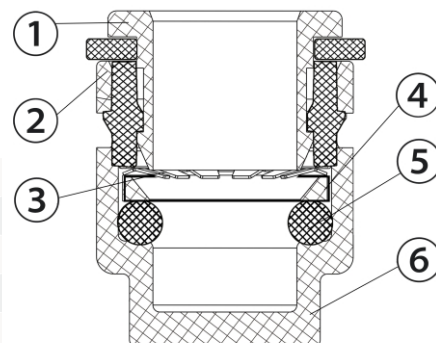
Standard transparent end cap, which are used to terminate open ended Tubes to avoid air leakage, water or other material ingress. End cap are preassembled with security clips.

MAIN FEATURES

① Safety clips pre-installed ② Push-fit system ③ Max Working Pressure: 25 bar

General data

Materials:	1.Collar	Polyacetal
	2.Sleeve	Polyacetal
	3.Lock Claw	Stainless steel
	4.Washer	Polyacetal
	5.Seal	EPDM
	6.Body	Polycarbonate
Fluid	Compressed air with blowing system	
Working pressure	15 Bar	
Working temperature	-20°C — +50°C	
Degree of protection	IP68	
Estimated life	25 years	
Standards	EN 50411-2-8 Rohs	
Microduct to connect	Polyethylene HDPE	
Microduct outer diameters	Φ3,Φ4,Φ5,Φ6,Φ7,Φ8,Φ10,Φ12,Φ14,Φ16,Φ18,Φ20	
Patent	Connectors patent	



Ordering Information

	Product Code	Description	for Microduct OD Φ (mm)	A	B	C	D
	FPF3	End cap 3mm	3	14.4	8.3	3	5.5
	FPF4	End cap 4mm	4	18.1	11.8	4	8
	FPF5	End cap 5mm	5	18.1	11.8	5	8
	FPF6	End cap 6mm	6	18.8	12.6	6	8.9
	FPF7	End cap 7mm	7	19.4	14.8	7	11
	FPF8	End cap 8mm	8	19.4	14.8	8	11
	FPF10	End cap 10mm	10	21.5	16.6	10	13.2
	FPF12	End cap 12mm	12	23.6	19	12	15.4
	FPF14	End cap 14mm	14	24.9	21.5	14	17.4
	FPF16	End cap 16mm	16	27.6	24.4	16	19.9
	FPF18	End cap 18mm	18	36.5	29	18	22.5
	FPF20	End cap 20mm	20	42.5	33.5	20	25.6

Microduct Straight Connector

DESCRIPTION

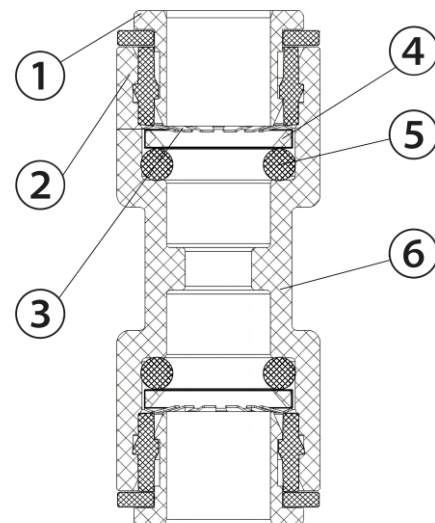
Microduct Straight connector, which guarantee a good performance. Transparent body allows verification of the microduct position inside. Safety clips, tamper evident, are pre-installed. Tested & comply with EN 50411-2-8.

MAIN FEATURES

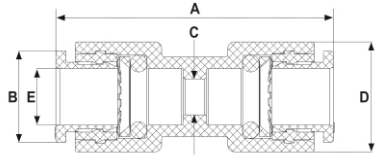
① Safety clips pre-installed ② Push-fit system ③ Max Working Pressure: 25 bar

General data

Materials:	1.Collar	Polyacetal
	2.Sleeve	Polyacetal
	3.Lock Claw	Stainless steel
	4.Washer	Polyacetal
	5.Seal	EPDM
	6.Body	Polycarbonate
Fluid	Compressed air with blowing system	
Working pressure	15 Bar	
Working temperature	-20°C — +50°C	
Degree of protection	IP68	
Estimated life	25 years	
Standards	EN 50411-2-8 Rohs	
Microduct to connect	Polyethylene HDPE	
Microduct outer diameters	Φ3,Φ4,Φ5,Φ6,Φ7,Φ8,Φ10,Φ12,Φ14,Φ16,Φ18,Φ20	
Patent	Connectors patent	



Ordering Information

	Product Code	Description	for Microduct OD/IDΦ (mm)	A	B	C	D	E
 	APU3/2.1	Straight Connector 3/2.1mm	3/2.1	30.6	8.0	2.1	10.0	3
	APU4/2.5	Straight Connector 4/2.5mm	4/2.5	38.0	10.8	2.5	13.1	4
	APU4/2.8	Straight Connector 4/2.8mm	4/2.8	38.0	10.8	2.8	13.1	4
	APU5/2.1	Straight Connector 5/2.1mm	5/2.1	38.0	10.8	2.1	13.1	5
	APU5/3.5	Straight Connector 5/3.5mm	5/3.5	38.0	10.8	3.5	13.1	5
	APU6/4	Straight Connector 6/4mm	6/4	38.4	11.8	4	14.1	6
	APU7/3.5	Straight Connector 7/3.5mm	7/3.5	41.2	13.5	3.5	16.2	7
	APU7/4	Straight Connector 7/4mm	7/4	41.2	13.5	4	16.2	7
	APU7/5.5	Straight Connector 7/5.5mm	7/5.5	41.2	13.5	5.5	16.2	7
	APU8/3.5	Straight Connector 8/3.5mm	8/3.5	41.2	13.5	3.5	16.2	8
	APU8/5	Straight Connector 8/5mm	8/5	41.2	13.5	5	16.2	8
	APU8/6	Straight Connector 8/6mm	8/6	41.2	13.5	6	16.2	8
	APU10/6	Straight Connector 10/6mm	10/6	46.0	15.7	6	19.0	10
	APU10/8	Straight Connector 10/8mm	10/8	46.0	15.7	8	19.0	10
	APU12/8	Straight Connector 12/8mm	12/8	50.4	17.5	8	20.9	12
	APU12/10	Straight Connector 12/10mm	12/10	50.4	17.5	10	20.9	12
	APU14/10	Straight Connector 14/10mm	14/10	53.4	19.8	10	23.6	14
	APU14/12	Straight Connector 14/12mm	14/12	53.4	19.8	12	23.6	14
	APU16/12	Straight Connector 16/12mm	16/12	54.2	23.0	12	25.8	16
	APU16/13	Straight Connector 16/13mm	16/13	54.2	23.0	13	25.8	16
	APU16/14	Straight Connector 16/14mm	16/14	74.0	23.0	14	25.8	16
	APU18/14	Straight Connector 18/14mm	18/14	86.6	27.6	14	30.0	18
	APU20/14	Straight Connector 20/14mm	20/14	86.6	32.5	14	34.5	20
	APU20/15	Straight Connector 20/15mm	20/15	86.6	32.5	15	34.5	20
	APU20/16	Straight Connector 20/16mm	20/16	86.6	32.5	16	34.5	20

DESCRIPTION

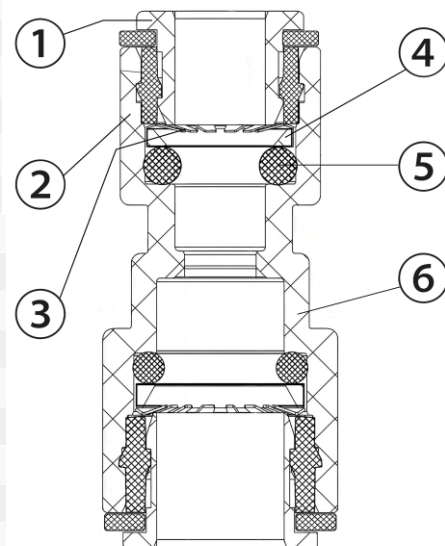
Reducing connector allows interconnection between two micro-ducts with different outer diameter. Typically this is the case of transition point from DB to DI micro-duct entering the house.

MAIN FEATURES

① Safety clips pre-installed ② Push-fit system ③ Max Working Pressure: 25 bar

General data

Materials:	1.Collar	Polyacetal
	2.Sleeve	Polyacetal
	3.Lock Claw	Stainless steel
	4.Washer	Polyacetal
	5.Seal	EPDM
	6.Body	Polycarbonate
Fluid	Compressed air with blowing system	
Working pressure	15 Bar	
Working temperature	-20°C — +50°C	
Degree of protection	IP68	
Estimated life	25 years	
Standards	EN 50411-2-8 Rohs	
Microduct to connect	Polyethylene HDPE	
Microduct outer diameters	Φ5,Φ7,Φ8,Φ10,Φ12,Φ14,Φ16,Φ20	
Patent	Connectors patent	



Ordering Information

	Product Code	Description	for Microduct OD/ID Φ (mm)	A	B	C	D	E	A1	B1	D1
	APG5/3.5-3/2.1	Reduction Connector 5 to 3 mm	5/3.5-3/2.1	30.6	8	2.3	10	3	5	10.8	13.1
	APG5/3.5-4/2.8	Reduction Connector 5 to 4 mm	5/3.5-4/2.8	30.6	10.8	2.3	10	4	5	10.8	13.1
	APG7/5.5-3/2.1	Reduction Connector 7 to 3 mm	7/5.5-3/2.1	38	10.8	2.8	13.1	3	7	13.5	16.2
	APG7/5.5-4/2.8	Reduction Connector 7 to 4 mm	7/5.5-4/2.8	38	10.8	2.4	13.1	4	7	13.5	16.2
	APG7/5.5-5/3.5	Reduction Connector 7 to 5 mm	7/5.5-5/3.5	38	10.8	2.4	13.1	5	7	13.5	16.2
	APG8/6-3/2.1	Reduction Connector 8 to 3 mm	8/6-3/2.1	38.4	11.8	4.3	14.1	3	8	13.5	16.2
	APG8/6-5/3.5	Reduction Connector 8 to 5 mm	8/6-5/3.5	41.2	13.5	3.8	16.2	5	8	13.5	16.2
	APG8/6-7/5.5	Reduction Connector 8 to 7 mm	8/6-7/5.5	41.2	13.5	3.8	16.2	7	8	13.5	16.2
	APG10/8-5/3.5	Reduction Connector 10 to 5 mm	10/8-5/3.5	46.0	13.5	6.3	16.2	5	10	15.7	19
	APG10/8-7/5.5	Reduction Connector 10 to 7 mm	10/8-7/5.5	43.6	13.5	5.8	16.2	7	10	15.7	19
	APG10/8-8/6	Reduction Connector 10 to 8 mm	10/8-8/6	46.0	13.5	6.3	16.2	8	10	15.7	19
	APG12/10-7/5.5	Reduction Connector 12 to 7 mm	12/10-7/5.5	45.8	13.5	8.3	19	7	12	17.5	20.9
	APG12/10-8/6	Reduction Connector 12 to 8 mm	12/10-8/6	48.2	13.5	6.3	19	8	12	17.5	20.9
	APG12/10-10/8	Reduction Connector 12 to 10 mm	12/10-10/8	48.2	15.7	8.3	19	10	12	17.5	20.9
	APG14/12-10/8	Reduction Connector 14 to 10 mm	14/12-10/8	49.7	15.7	8.3	19	10	14	19.8	23.6
	APG14/12-12/10	Reduction Connector 14 to 12 mm	14/12-12/10	51.9	17.5	10.3	20.9	12	14	19.8	23.6
	APG16/13-10/8	Reduction Connector 16 to 10 mm	16/13-10/8	50.1	15.7	8.3	19	10	16	23	25.8
	APG16/13-12/10	Reduction Connector 16 to 12 mm	16/13-12/10	52.3	17.5	10.3	21.1	12	16	23	25.8
	APG20/16-16/13	Reduction Connector 20 to 16 mm	20/16-16/13								

Microduct End Cap

DESCRIPTION

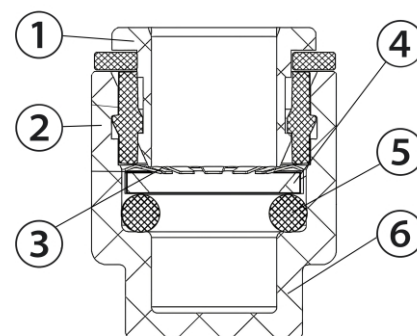
Standard transparent end cap, which are used to terminate open ended Tubes to avoid air leakage, water or other material ingress. End caps are preassembled with security clips.

MAIN FEATURES

① Safety clips pre-installed ② Push-fit system ③ Max Working Pressure: 25 bar

General data

Materials:	1.Collar	Polyacetal
	2.Sleeve	Polyacetal
	3.Lock Claw	Stainless steel
	4.Washer	Polyacetal
	5.Seal	EPDM
	6.Body	Polycarbonate
Fluid	Compressed air with blowing system	
Working pressure	15 Bar	
Working temperature	-20°C — +50°C	
Degree of protection	IP68	
Estimated life	25 years	
Standards	EN 50411-2-8 Rohs	
Microduct to connect	Polyethylene HDPE	
Microduct outer diameters	Φ3,Φ4,Φ5,Φ6,Φ7,Φ8,Φ10,Φ12,Φ14,Φ16,Φ18,Φ20	
Patent	Connectors patent	



Ordering Information

	Product Code	Description	for Microduct OD Φ (mm)	A	B	C	D
	APF3	End cap 3mm	3	16.3	10	8	3
	APF4	End cap 4mm	4	19	13.1	10.8	4
	APF5	End cap 5mm	5	19	13.1	10.8	5
	APF6	End cap 6mm	6	19.2	14.1	11.8	6
	APF7	End cap 7mm	7	20.6	16.2	13.5	7
	APF8	End cap 8mm	8	20.6	16.2	13.5	8
	APF10	End cap 10mm	10	23	19	15.7	10
	APF12	End cap 12mm	12	25.2	20.9	17.5	12
	APF14	End cap 14mm	14	26.7	23.6	19.8	14
	APF16	End cap 16mm	16	27.1	25.8	23	16
	APF18	End cap 18mm	18	37	30	27.6	18
	APF20	End cap 20mm	20	43.3	34.5	32.5	20

Microduct Straight Connector

DESCRIPTION

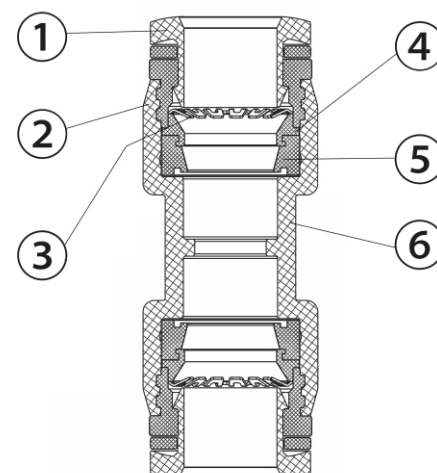
Microduct Straight connector, which guarantee a good performance. Transparent body allows verification of the microduct position inside. Safety clips, tamper evident, are pre-installed. Tested & comply with EN 50411-2-8.

MAIN FEATURES

① Safety clips pre-installed ② Push-fit system ③ Max Working Pressure: 25 bar

General data

Materials:	1.Collar	Polyacetal
	2.Sleeve	Zinc
	3.Lock Claw	Stainless steel
	4.Washer	Polyacetal
	5.Seal	EPDM
	6.Body	Polycarbonate
Fluid	Compressed air with blowing system	
Working pressure	15 Bar	
Working temperature	-20°C — +50°C	
Degree of protection	IP68	
Estimated life	25 years	
Standards	EN 50411-2-8 Rohs	
Microduct to connect	Polyethylene HDPE	
Microduct outer diameters	Φ3,Φ4,Φ5,Φ6,Φ7,Φ8,Φ10,Φ12,Φ14,Φ16	
Patent	Connectors patent	



Ordering Information

	Product Code	Description	for Microduct OD/IDΦ (mm)	A	B	C	D	E
	ZPU3/2.1	Straight Connector 3/2.1mm	3/2.1	31.1	3	10	2.4	11.1
	ZPU4/2.5	Straight Connector 4/2.5mm	4/2.5	31.1	4	10	3.1	11.1
	ZPU4/2.8	Straight Connector 4/2.8mm	4/2.8	31.1	4	10	3.1	12.8
	ZPU5/2.1	Straight Connector 5/2.1mm	5/2.1	35.7	5	12	3.8	12.8
	ZPU5/3.5	Straight Connector 5/3.5mm	5/3.5	35.7	5	12	3.8	12.8
	ZPU6/4	Straight Connector 6/4mm	6/4	35.7	6	12	4.3	12.8
	ZPU7/3.5	Straight Connector 7/3.5mm	7/3.5	35.7	7	14	5.8	15.4
	ZPU7/4	Straight Connector 7/4mm	7/4	41	7	14	5.8	15.4
	ZPU7/5.5	Straight Connector 7/5.5mm	7/5.5	41	7	14	5.8	15.4
	ZPU8/3.5	Straight Connector 8/3.5mm	8/3.5	41	8	14	6.3	15.4
	ZPU8/5	Straight Connector 8/5mm	8/5	41	8	14	6.3	15.4
	ZPU8/6	Straight Connector 8/6mm	8/6	41	8	14	6.3	15.4
	ZPU10/6	Straight Connector 10/6mm	10/6	45	10	18	8.3	18.2
	ZPU10/8	Straight Connector 10/8mm	10/8	45	10	18	8.3	18.2
	ZPU12/8	Straight Connector 12/8mm	12/8	50.8	12	19	10.3	20.7
	ZPU12/10	Straight Connector 12/10mm	12/10	50.8	12	19	10.3	20.7
	ZPU14/10	Straight Connector 14/10mm	14/10	51.6	14	22	12	23.0
	ZPU14/12	Straight Connector 14/12mm	14/12	51.6	14	22	12	23.0
	ZPU16/12	Straight Connector 16/12mm	16/12	57	16	25	14.3	25.1
	ZPU16/13	Straight Connector 16/13mm	16/13	57	16	25	14.3	25.1
	ZPU16/14	Straight Connector 16/14mm	16/14	57	16	25	14.3	25.1

Microduct Connector Reducer

DESCRIPTION

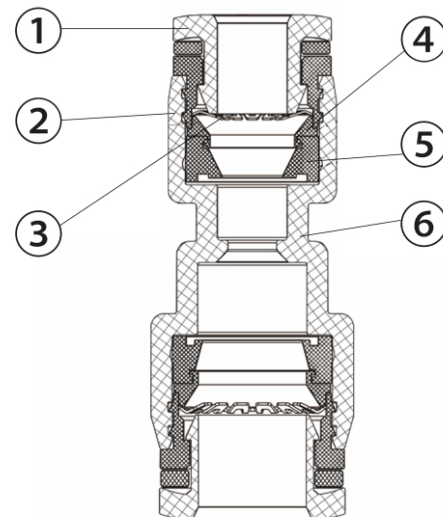
Reducing connector allows interconnection between two micro-ducts with different outer diameter. Typically this is the case of transition point from DB to DI micro-duct entering the house.

MAIN FEATURES

① Safety clips pre-installed ② Push-fit system ③ Max Working Pressure: 25 bar

General data

Materials:	1.Collar	Polyacetal
	2.Sleeve	Zinc
	3.Lock Claw	Stainless steel
	4.Washer	Polyacetal
	5.Seal	EPDM
	6.Body	Polycarbonate
Fluid	Compressed air with blowing system	
Working pressure	15 Bar	
Working temperature	-20°C — +50°C	
Degree of protection	IP68	
Estimated life	25 years	
Standards	EN 50411-2-8 Rohs	
Microduct to connect	Polyethylene HDPE	
Microduct outer diameters	Φ5,Φ7,Φ8,Φ10,Φ12,Φ14,Φ16	
Patent	Connectors patent	



Ordering Information

	Product Code	Description	for Microduct OD/ID Φ (mm)	A	B	C	D	E	B1	C1	D1
	ZPG5/3.5-3/2.1	Reduction Connector 5 to 3 mm	5/3.5-3/2.1	33.6	3	10.0	11.1	2.3	5	12.0	12.8
	ZPG5/3.5-4/2.8	Reduction Connector 5 to 4 mm	5/3.5-4/2.8	33.6	4	10.0	11.1	2.3	5	12.0	15.4
	ZPG7/5.5-3/2.1	Reduction Connector 7 to 3 mm	7/5.5-3/2.1	38.5	3	10.0	11.1	2.3	7	14.1	15.4
	ZPG7/5.5-4/2.8	Reduction Connector 7 to 4 mm	7/5.5-4/2.8	38.5	4	10.0	12.8	3.7	7	14.1	15.4
	ZPG7/5.5-5/3.5	Reduction Connector 7 to 5 mm	7/5.5-5/3.5	38.5	5	12.0	12.8	3.7	7	14.1	15.4
	ZPG8/6-3/2.1	Reduction Connector 8 to 3 mm	8/6-3/2.1	36.7	3	10.0	11.1	2.3	8	14.1	15.4
	ZPG8/6-5/3.5	Reduction Connector 8 to 5 mm	8/6-5/3.5	36.7	5	12.0	11.1	3.7	8	14.1	15.4
	ZPG8/6-7/5.5	Reduction Connector 8 to 7 mm	8/6-7/5.5	38.4	7	12.0	12.8	3.7	8	14.1	15.4
	ZPG10/8-5/3.5	Reduction Connector 10 to 5 mm	10/8-5/3.5	42.7	5	14.1	15.4	6.3	10	17.5	18.2
	ZPG10/8-7/5.5	Reduction Connector 10 to 7 mm	10/8-7/5.5	42.7	7	14.1	15.4	6.3	10	17.5	18.2
	ZPG10/8-8/6	Reduction Connector 10 to 8 mm	10/8-8/6	42.6	8	14.1	15.4	6.3	10	17.5	18.2
	ZPG12/10-7/5.5	Reduction Connector 12 to 7 mm	12/10-7/5.5	46.1	7	14.1	15.4	6.3	12	19.2	20.7
	ZPG12/10-8/6	Reduction Connector 12 to 8 mm	12/10-8/6	47.7	8	17.5	18.7	8.3	12	19.2	20.7
	ZPG12/10-10/8	Reduction Connector 12 to 10 mm	12/10-10/8	47.7	10	17.5	18.7	8.3	12	19.2	20.7
	ZPG14/12-10/8	Reduction Connector 14 to 10 mm	14/12-10/8	48.3	10	19.2	18.7	8.3	14	22.2	23.0
	ZPG14/12-12/10	Reduction Connector 14 to 12 mm	14/12-12/10	50.9	12	19.2	20.7	10.3	14	22.2	23.0
	ZPG16/12-10/8	Reduction Connector 16 to 10 mm	16/12-10/8	52.1	10	17.5	18.8	8.3	16	24.7	25.1
	ZPG16/12-12/10	Reduction Connector 16 to 12 mm	16/12-12/10	53.5	12	19.2	20.8	10.3	16	24.7	25.8

DESCRIPTION

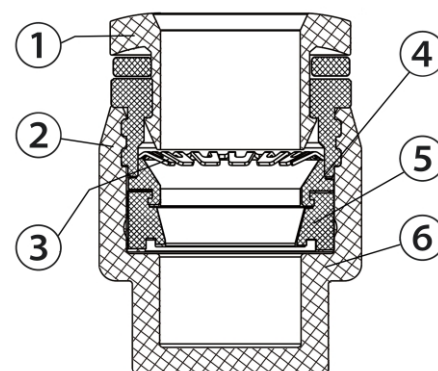
Standard transparent end caps, which are used to terminate open ended Tubes to avoid air leakage, water or other material ingress. End caps are preassembled with security clips.

MAIN FEATURES

① Safety clips pre-installed ② Push-fit system ③ Max Working Pressure: 25 bar

General data

Materials:	1.Collar	Polyacetal
	2.Sleeve	Zinc
	3.Lock Claw	Stainless steel
	4.Washer	Polyacetal
	5.Seal	EPDM
	6.Body	Polycarbonate
Fluid	Compressed air with blowing system	
Working pressure	15 Bar	
Working temperature	-20°C — +50°C	
Degree of protection	IP68	
Estimated life	25 years	
Standards	EN 50411-2-8 Rohs	
Microduct to connect	Polyethylene HDPE	
Microduct outer diameters	Φ3,Φ4,Φ5,Φ6,Φ7,Φ8,Φ10,Φ12,Φ14,Φ16	
Patent	Connectors patent	



Ordering Information

	Product Code	Description	for Microduct OD Φ (mm)	A	B	C	D
	ZPF3	End cap 3mm	3	16.1	3	10	11.1
	ZPF4	End cap 4mm	4	16.1	4	10	11.1
	ZPF5	End cap 5mm	5	18.45	5	12	12.8
	ZPF6	End cap 6mm	6	18.45	6	12	12.8
	ZPF7	End cap 7mm	7	21.25	7	14.1	15.4
	ZPF8	End cap 8mm	8	21.2	8	14.1	15.4
	ZPF10	End cap 10mm	10	23.2	10	17.5	18.2
	ZPF12	End cap 12mm	12	26.15	12	19.2	20.7
	ZPF14	End cap 14mm	14	26.6	14	22.2	23
	ZPF16	End cap 16mm	16	29.4	16	24.7	25.1

Microduct Straight Connector

DESCRIPTION

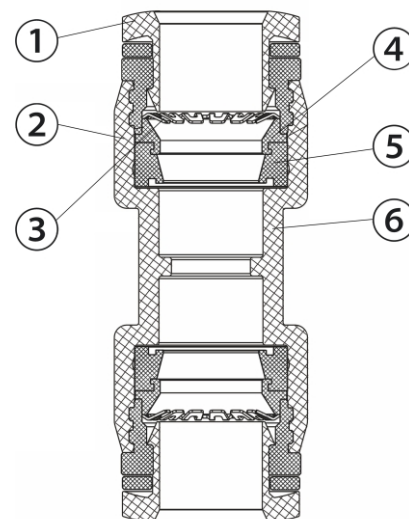
Microduct Straight connector, which guarantee a good performance. Transparent body allows verification of the microducts position inside. Safety clips, tamper evident, are pre-installed. Tested & comply with EN 50411-2-8.

MAIN FEATURES

① Safety clips pre-installed ② Push-fit system ③ Max Working Pressure: 25 bar

General data

Materials:	1.Collar	Polyacetal
	2.Sleeve	Brass
	3.Lock Claw	Stainless steel
	4.Washer	Polyacetal
	5.Seal	EPDM
	6.Body	Polycarbonate
Fluid	Compressed air with blowing system	
Working pressure	15 Bar	
Working temperature	-20°C — +50°C	
Degree of protection	IP68	
Estimated life	25 years	
Standards	EN 50411-2-8 Rohs	
Microduct to connect	Polyethylene HDPE	
Microduct outer diameters	Φ3,Φ4,Φ5,Φ6,Φ7,Φ8,Φ10,Φ12,Φ14,Φ16	
Patent	Connectors patent	



Ordering Information

	Product Code	Description	for Microduct OD/ID Φ (mm)	A	B	C	D	E	F
	TPU3/2.1	Straight Connector 3/2.1mm	3/2.1	31.9	6.9	10	11.1	3	2.1
	TPU4/2.5	Straight Connector 4/2.5mm	4/2.5	31.9	6.9	10	11.1	4	2.5
	TPU4/2.8	Straight Connector 4/2.8mm	4/2.8	31.9	6.9	10	11.1	4	2.8
	TPU5/2.1	Straight Connector 5/2.1mm	5/2.1	35.4	8.9	12	12.8	5	2.1
	TPU5/3.5	Straight Connector 5/3.5mm	5/3.5	35.4	8.9	12	12.8	5	3.5
	TPU6/4	Straight Connector 6/4mm	6/4	35.4	8.9	12	12.8	6	4
	TPU7/3.5	Straight Connector 7/3.5mm	7/3.5	41	11.5	14	15.4	7	3.5
	TPU7/4	Straight Connector 7/4mm	7/4	41	11.5	14	15.4	7	4
	TPU7/5.5	Straight Connector 7/5.5mm	7/5.5	41	11.5	14	15.4	7	5.5
	TPU8/3.5	Straight Connector 8/3.5mm	8/3.5	41	11.5	14	15.4	8	3.5
	TPU8/5	Straight Connector 8/5mm	8/5	41	11.5	14	15.4	8	5
	TPU8/6	Straight Connector 8/6mm	8/6	41	11.5	14	15.4	8	6
	TPU10/6	Straight Connector 10/6mm	10/6	42	14	18	18.3	10	6
	TPU10/8	Straight Connector 10/8mm	10/8	42	14	18	18.3	10	8
	TPU12/8	Straight Connector 12/8mm	12/8	49.5	15.8	19	20.7	12	8
	TPU12/10	Straight Connector 12/10mm	12/10	49.5	15.8	19	20.7	12	10
	TPU14/10	Straight Connector 14/10mm	14/10	50.5	18	22	23	14	10
	TPU14/12	Straight Connector 14/12mm	14/12	50.5	18	22	23	14	12
	TPU16/12	Straight Connector 16/12mm	16/12	55	20	25	25.1	16	12
	TPU16/13	Straight Connector 16/13mm	16/13	55	20	25	25.1	16	13
	TPU16/14	Straight Connector 16/14mm	16/14	55	20	25	25.1	16	14

Reinforced Straight Connector

DESCRIPTION

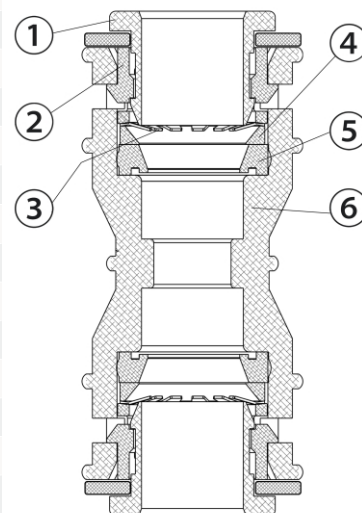
Microduct Straight connector, which guarantee a good performance. Transparent body allows verification of the microducts position inside. Safety clips, tamper evident, are pre-installed. Tested & comply with EN 50411-2-8.

MAIN FEATURES

① Safety clips pre-installed ② Push-fit system ③ Max Working Pressure: 25 bar

General data

Materials:	1.Collar	Polyacetal
	2.Sleeve	Polyacetal
	3.Lock Claw	Stainless steel
	4.Washer	Polyacetal
	5.Seal	EPDM
	6.Body	Polycarbonate
Fluid	Compressed air with blowing system	
Working pressure	15 Bar	
Working temperature	-20°C — +50°C	
Degree of protection	IP68	
Estimated life	25 years	
Standards	EN 50411-2-8 Rohs	
Microduct to connect	Polyethylene HDPE	
Microduct outer diameters	Φ3,Φ4,Φ5,Φ6,Φ7,Φ8,Φ10,Φ12,Φ14,Φ16	
Patent	Connectors patent	



Ordering Information

	Product Code	Description	for Microduct OD/ID Φ (mm)	A	B	C	D	E
	NPU3/2.1	Straight Connector 3/2.1mm	3/2.1	28.7	8.0	3	2.1	10
	NPU4/2.5	Straight Connector 4/2.5mm	4/2.5	37.2	10.8	4	2.5	15
	NPU4/2.8	Straight Connector 4/2.8mm	4/2.8	37.2	10.8	4	2.8	15
	NPU5/2.1	Straight Connector 5/2.1mm	5/2.1	37.2	10.8	5	2.1	15
	NPU5/3.5	Straight Connector 5/3.5mm	5/3.5	37.2	10.8	5	3.5	15
	NPU6/4	Straight Connector 6/4mm	6/4			6	4	
	NPU7/3.5	Straight Connector 7/3.5mm	7/3.5	41.1	13.5	7	3.5	18
	NPU7/4	Straight Connector 7/4mm	7/4	41.1	13.5	7	4	18
	NPU7/5.5	Straight Connector 7/5.5mm	7/5.5	41.1	13.5	7	5.5	18
	NPU8/3.5	Straight Connector 8/3.5mm	8/3.5	41.1	13.5	8	3.5	18
	NPU8/5	Straight Connector 8/5mm	8/5	41.1	13.5	8	5	18
	NPU8/6	Straight Connector 8/6mm	8/6	41.1	13.5	8	6	18
	NPU10/6	Straight Connector 10/6mm	10/6	47.2	15.7	10	6	20
	NPU10/8	Straight Connector 10/8mm	10/8	47.2	15.7	10	8	20
	NPU12/8	Straight Connector 12/8mm	12/8	49.2	17.6	12	8	23
	NPU12/10	Straight Connector 12/10mm	12/10	49.2	17.6	12	10	23
	NPU14/10	Straight Connector 14/10mm	14/10	53.6	19.8	14	10	26
	NPU14/12	Straight Connector 14/12mm	14/12	53.6	19.8	14	12	26
	NPU16/12	Straight Connector 16/12mm	16/12	23.0	23.0	16	12	24
	NPU16/13	Straight Connector 16/13mm	16/13	23.0	23.0	16	13	24
	NPU16/14	Straight Connector 16/14mm	16/14	23.0	23.0	16	14	24

Reinforced Reducing Connector

DESCRIPTION

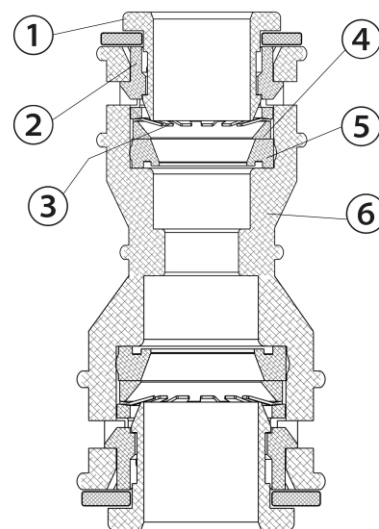
Microduct Straight connector, which guarantee a good performance. Transparent body allows verification of the microducts position inside. Safety clips, tamper evident, are pre-installed. Tested & comply with EN 50411-2-8.

MAIN FEATURES

① Safety clips pre-installed ② Push-fit system ③ Max Working Pressure: 25 bar

General data

Materials:	1.Collar	Polyacetal
	2.Sleeve	Polyacetal
	3.Lock Claw	Stainless steel
	4.Washer	Polyacetal
	5.Seal	EPDM
	6.Body	Polycarbonate
Fluid		Compressed air with blowing system
Working pressure		15 Bar
Working temperature		-20°C — +50°C
Degree of protection		IP68
Estimated life		25 years
Standards		EN 50411-2-8 Rohs
Microduct to connect		Polyethylene HDPE
Microduct outer diameters		Φ5,Φ6,Φ7,Φ8,Φ10,Φ12,Φ14,Φ16
Patent		Connectors patent



Ordering Information

	Product Code	Description	for Microduct OD/ID Φ (mm)	A	B	C	D	E	C1	B1	D1
	NPG5/3.5-3/2.1	Reduction Connector 5 to 3 mm	5/3.5-3/2.1	32.5	5	5.2	11.8	3.5	2.3	3	8.7
	NPG5/3.5-4/2.8	Reduction Connector 5 to 4 mm	5/3.5-4/2.8	33.5	5	5.2	11.8	3.5	3.3	4	8.7
	NPG7/5.5-3/2.1	Reduction Connector 7 to 3 mm	7/5.5-3/2.1	36.2	7	7	18.8	6.1	2.3	3	14.0
	NPG7/5.5-4/2.8	Reduction Connector 7 to 4 mm	7/5.5-4/2.8	36.2	7	7	18.8	6.1	3.0	4	14.0
	NPG7/5.5-5/3.5	Reduction Connector 7 to 5 mm	7/5.5-5/3.5	37.4	7	7	18.8	6.1	4.3	5	16.8
	NPG8/6-3/2.1	Reduction Connector 8 to 3 mm	8/6-3/2.1	3.7	8	8	18.8	6.1	2.3	3	16.8
	NPG8/6-5/3.5	Reduction Connector 8 to 5 mm	8/6-5/3.5	37.4	8	8	18.8	6.1	4.3	5	16.8
	NPG8/6-7/5.5	Reduction Connector 8 to 7 mm	8/6-7/5.5	39.8	8	8	18.8	6.1	6.1	7	18.8
	NPG10/8-5/3.5	Reduction Connector 10 to 5 mm	10/8-5/3.5	43.0	10	10	22.2	9.3	4.3	5	18.8
	NPG10/8-7/5.5	Reduction Connector 10 to 7 mm	10/8-7/5.5	43.0	10	10	22.2	9.3	6.1	7	18.8
	NPG10/8-8/6	Reduction Connector 10 to 8 mm	10/8-8/6	43.0	10	10	22.2	9.3	6.1	8	18.8
	NPG12/10-7/5.5	Reduction Connector 12 to 7 mm	12/10-7/5.5	44.2	12	12	25.0	11.0	6.1	7	18.8
	NPG12/10-8/6	Reduction Connector 12 to 8 mm	12/10-8/6	44.2	12	12	25.0	11.0	6.1	8	18.8
	NPG12/10-10/8	Reduction Connector 12 to 10 mm	12/10-10/8	47.6	12	12	25.0	11.0	9.3	10	22.2
	NPG14/12-10/8	Reduction Connector 14 to 10 mm	14/12-10/8	48.3	14	14	26.7	12.0	9.3	10	22.2
	NPG14/12-12/10	Reduction Connector 14 to 12 mm	14/12-12/10	49.7	14	14	26.7	12.0	11.0	12	25.0
	NPG16/12-10/8	Reduction Connector 16 to 10 mm	16/12-10/8	52.3	16	16	29.2	15.0	11.0	10	25.0
	NPG16/12-12/10	Reduction Connector 16 to 12 mm	16/12-12/10	53.1	16	16	29.2	15.0	13.0	12	26.7

DESCRIPTION

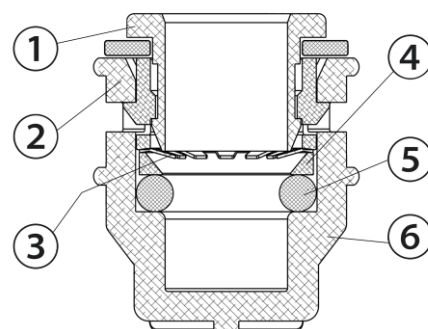
Standard transparent end cap, which are used to terminate open ended Tubes to avoid air leakage, water or other material ingress. End caps are preassembled with security clips.

MAIN FEATURES

① Safety clips pre-installed ② Push-fit system ③ Max Working Pressure: 25 bar

General data

Materials:	1.Collar	Polyacetal
	2.Sleeve	Polyacetal
	3.Lock Claw	Stainless steel
	4.Washer	Polyacetal
	5.Seal	EPDM
	6.Body	Polycarbonate
Fluid	Compressed air with blowing system	
Working pressure	15 Bar	
Working temperature	-20°C — +50°C	
Degree of protection	IP68	
Estimated life	25 years	
Standards	EN 50411-2-8 Rohs	
Microduct to connect	Polyethylene HDPE	
Microduct outer diameters	Φ3,Φ4,Φ5,Φ7,Φ8,Φ10,Φ12,Φ14,Φ16	
Patent	Connectors patent	



Ordering Information

	Product Code	Description	for Microduct OD Φ (mm)	A	B	C	D
	NPF3	End cap 3mm	3	15.9	10.4	8	3
	NPF4	End cap 4mm	4	19.3	14.5	10.8	4
	NPF5	End cap 5mm	5	19.3	14.5	10.8	5
	NPF7	End cap 7mm	6	21.4	18	13.5	6
	NPF8	End cap 8mm	7	21.4	18	13.5	7
	NPF10	End cap 10mm	8	24.4	20.4	15.7	8
	NPF12	End cap 12mm	10	25.6	22.8	17.6	10
	NPF14	End cap 14mm	12	28.7	25.8	19.8	12
	NPF16	End cap 16mm	14	29.6	28.2	23	14

Flame Resistant Straight Connector

DESCRIPTION

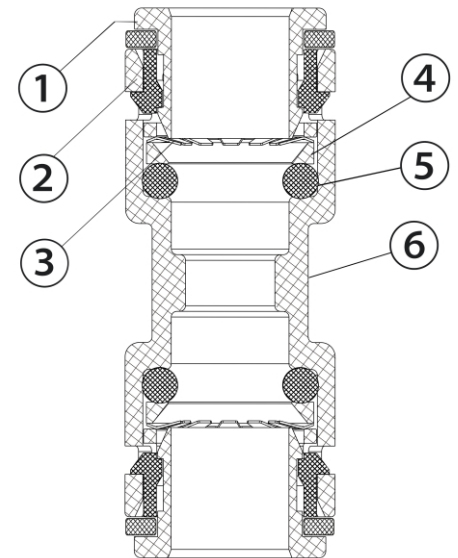
Microduct Straight connector, which guarantee a good performance. Transparent body allows verification of the microduct position inside. Safety clips, tamper evident, are pre-installed. Tested & comply with EN 50411-2-8.

MAIN FEATURES

① Safety clips pre-installed ② Push-fit system ③ Max Working Pressure: 25 bar

General data

Materials:	1.Collar	Polyacetal
	2.Sleeve	Polyacetal
	3.Lock Claw	Stainless steel
	4.Washer	Polyacetal
	5.Seal	EPDM
	6.Body	Polycarbonate
Fluid	Compressed air with blowing system	
Working pressure	15 Bar	
Working temperature	-20°C — +50°C	
Degree of protection	IP68	
Estimated life	25 years	
Standards	EN 50411-2-8 Rohs	
Microduct to connect	Polyethylene HDPE	
Microduct outer diameters	Φ3,Φ4,Φ5,Φ6,Φ7,Φ8,Φ10,Φ12,Φ14,Φ16,Φ18,Φ20	
Patent	Connectors patent	



Ordering Information

	Product Code	Description	for Microduct OD/IDΦ (mm)	A	B	C	D
	MPU3/2.1	Straight Connector 3/2.1mm	3/2.1	27.8	3	2.1	8.3
	MPU4/2.5	Straight Connector 4/2.5mm	4/2.5	36.2	4	2.5	11.8
	MPU4/2.8	Straight Connector 4/2.8mm	4/2.8	36.2	4	2.8	11.8
	MPU5/2.1	Straight Connector 5/2.1mm	5/2.1	36.2	5	2.1	11.8
	MPU5/3.5	Straight Connector 5/3.5mm	5/3.5	36.2	5	3.5	11.8
	MPU6/4	Straight Connector 6/4mm	6/4	36.2	6	4	12.6
	MPU7/3.5	Straight Connector 7/3.5mm	7/3.5	38.8	7	3.5	14.8
	MPU7/4	Straight Connector 7/4mm	7/4	38.8	7	4	14.8
	MPU7/5.5	Straight Connector 7/5.5mm	7/5.5	38.8	7	5.5	14.8
	MPU8/3.5	Straight Connector 8/3.5mm	8/3.5	38.8	8	3.5	14.8
	MPU8/5	Straight Connector 8/5mm	8/5	38.8	8	5	14.8
	MPU8/6	Straight Connector 8/6mm	8/6	38.8	8	6	14.8
	MPU10/6	Straight Connector 10/6mm	10/6	43.0	10	6	16.6
	MPU10/8	Straight Connector 10/8mm	10/8	43.0	10	8	16.6
	MPU12/8	Straight Connector 12/8mm	12/8	47	12	8	19.0
	MPU12/10	Straight Connector 12/10mm	12/10	47	12	10	19.0
	MPU14/10	Straight Connector 14/10mm	14/10	49.8	14	10	21.5
	MPU14/12	Straight Connector 14/12mm	14/12	49.8	14	12	21.5
	MPU16/12	Straight Connector 16/12mm	16/12	55.2	16	12	24.4
	MPU16/13	Straight Connector 16/13mm	16/13	55.2	16	13	24.4
	MPU16/14	Straight Connector 16/14mm	16/14	55.2	16	14	24.4
	MPU18/14	Straight Connector 18/14mm	18/14	69.0	18	14	29.0
	MPU20/14	Straight Connector 20/14mm	20/14	83.4	20	14	33.5
	MPU20/15	Straight Connector 20/15mm	20/15	83.4	20	15	33.5
	MPU20/16	Straight Connector 20/16mm	20/16	83.4	20	16	33.5

Flame Resistant Reduction Connector

DESCRIPTION

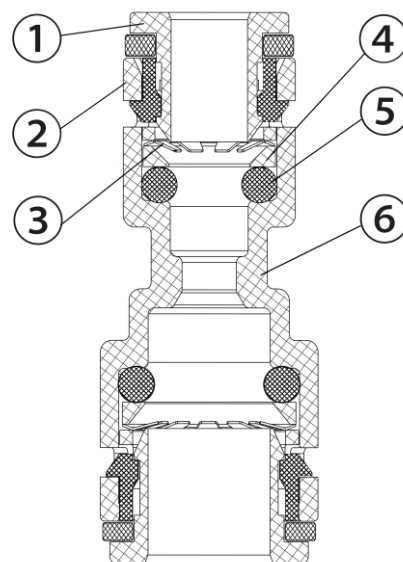
Reducing connector allows interconnection between two micro-ducts with different outer diameter. Typically this is the case of transition point from DB to DI micro-duct entering the house.

MAIN FEATURES

① Safety clips pre-installed ② Push-fit system ③ Max Working Pressure: 25 bar

General data

Materials:	1.Collar	Polyacetal
	2.Sleeve	Polyacetal
	3.Lock Claw	Stainless steel
	4.Washer	Polyacetal
	5.Seal	EPDM
	6.Body	Polycarbonate
Fluid	Compressed air with blowing system	
Working pressure	15 Bar	
Working temperature	-20°C — +50°C	
Degree of protection	IP68	
Estimated life	25 years	
Standards	EN 50411-2-8 Rohs	
Microduct to connect	Polyethylene HDPE	
Microduct outer diameters	Φ3,Φ4,Φ5, Φ7,Φ8,Φ10,Φ12,Φ14,Φ16,Φ20	
Patent	Connectors patent	



Ordering Information

	Product Code	Description	for Microduct OD/ID Φ (mm)	A	B	C	D	E	F
	MPG5/3.5-3/2.1	Reduction Connector 5 to 3 mm	5/3.5-3/2.1	32.5	8.7	3	11.8	5	2.1
	MPG5/3.5-4/2.8	Reduction Connector 5 to 4 mm	5/3.5-4/2.8	32.5	11.7	4	11.8	5	2.8
	MPG7/5.5-3/2.1	Reduction Connector 7 to 3 mm	7/5.5-3/2.1	33.8	8.7	3	14.8	7	2.1
	MPG7/5.5-4/2.8	Reduction Connector 7 to 4 mm	7/5.5-4/2.8	37.5	11.7	4	14.8	7	2.8
	MPG7/5.5-5/3.5	Reduction Connector 7 to 5 mm	7/5.5-5/3.5	37.5	11.7	5	14.8	7	3.5
	MPG8/6-3/2.1	Reduction Connector 8 to 3 mm	8/6-3/2.1	33.8	8.7	3	14.8	8	2.1
	MPG8/6-5/3.5	Reduction Connector 8 to 5 mm	8/6-5/3.5	37.5	11.7	4	14.8	8	3.5
	MPG8/6-7/5.5	Reduction Connector 8 to 7 mm	8/6-7/5.5	37.5	11.7	5	14.8	8	5.5
	MPG10/8-5/3.5	Reduction Connector 10 to 5 mm	10/8-5/3.5	40.9	14.9	5	16.6	10	3.5
	MPG10/8-7/5.5	Reduction Connector 10 to 7 mm	10/8-7/5.5	40.9	14.9	7	16.6	10	5.5
	MPG10/8-8/6	Reduction Connector 10 to 8 mm	10/8-8/6	40.9	14.9	8	16.6	10	6
	MPG12/10-7/5.5	Reduction Connector 12 to 7 mm	12/10-7/5.5	43.0	15.4	7	19.0	12	5.5
	MPG12/10-8/6	Reduction Connector 12 to 8 mm	12/10-8/6	43.0	15.4	8	19.0	12	6
	MPG12/10-10/8	Reduction Connector 12 to 10 mm	12/10-10/8	45.1	16.6	10	19.0	12	8
	MPG14/12-8/6	Reduction Connector 14 to 8 mm	14/12-8/6	50.0	15.4	8	21.5	14	6
	MPG14/12-10/8	Reduction Connector 14 to 10 mm	14/12-10/8	50.0	17.4	10	21.5	14	8
	MPG14/12-12/10	Reduction Connector 14 to 12 mm	14/12-12/10	48.5	19.0	12	21.5	14	10
	MPG16/12-10/8	Reduction Connector 16 to 10 mm	16/12-10/8	51.2	17.4	10	24.4	16	8
	MPG16/12-12/10	Reduction Connector 16 to 12 mm	16/12-12/10	51.2	19.3	12	24.4	16	10
	MPG16/14-14/10	Reduction Connector 16 to 14 mm	16/14-14/10	57.0	21.4	14	23.8	16	10
	MPG20/16-16/14	Reduction Connector 20 to 16 mm	20/16-16/14	71.4	26.0	16	33.5	20	14

Flame Resistant End Cap

DESCRIPTION

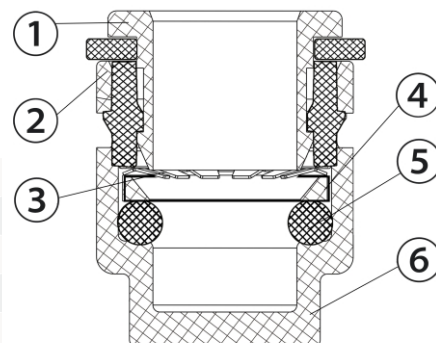
Standard transparent end cap, which are used to terminate open ended Tubes to avoid air leakage, water or other material ingress. End caps are preassembled with security clips.

MAIN FEATURES

① Safety clips pre-installed ② Push-fit system ③ Max Working Pressure: 25 bar

General data

Materials:	1.Collar	Polyacetal
	2.Sleeve	Polyacetal
	3.Lock Claw	Stainless steel
	4.Washer	Polyacetal
	5.Seal	EPDM
	6.Body	Polycarbonate
Fluid	Compressed air with blowing system	
Working pressure	15 Bar	
Working temperature	-20°C — +50°C	
Degree of protection	IP68	
Estimated life	25 years	
Standards	EN 50411-2-8 Rohs	
Microduct to connect	Polyethylene HDPE	
Microduct outer diameters	Φ3,Φ4,Φ5,Φ6,Φ7,Φ8,Φ10,Φ12,Φ14,Φ16,Φ18,Φ20	
Patent	Connectors patent	



Ordering Information

	Product Code	Description	for Microduct OD Φ (mm)	A	B	C	D
	MPF3	End cap 3mm	3	14.4	8.3	3	5.5
	MPF4	End cap 4mm	4	18.1	11.8	4	8
	MPF5	End cap 5mm	5	18.1	11.8	5	8
	MPF6	End cap 6mm	6	18.8	12.6	6	8.9
	MPF7	End cap 7mm	7	19.4	14.8	7	11
	MPF8	End cap 8mm	8	19.4	14.8	8	11
	MPF10	End cap 10mm	10	21.5	16.6	10	13.2
	MPF12	End cap 12mm	12	23.6	19	12	15.4
	MPF14	End cap 14mm	14	24.9	21.5	14	17.4
	MPF16	End cap 16mm	16	27.6	24.4	16	19.9
	MPF18	End cap 18mm	18	36.5	29	18	22.5
	MPF20	End cap 20mm	20	42.5	33.5	20	25.6

DESCRIPTION

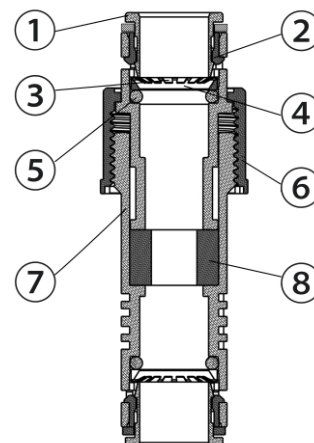
Micro-duct connector providing gas tight seal connection around the cable inside. When opened, cable can be blown through this connector and sealed afterwards by rotating ring. They operate safely at blowing pressure of 15 Bar and protect the inner cavity of your micro-ducts against ingress of any particles. Should be installed always at the entry transition points to the buildings, ODFs etc. where water or gas presence is the matter of danger. Two locking clips can be ordered separately to prevent micro-ducts self release.

MAIN FEATURES

① Available for wide range of micro-duct sizes OD 4–16 ② Push-fit system ③ Transparent body

General data

Materials:	1.Collar	Polyacetal
	2.Sleeve	Polyacetal
	3.Lock Claw	Stainless steel
	4.Washer	Polyacetal
	5.Seal 1	EPDM
	6.Nut	Polyacetal
	7.Body	Polycarbonate
	8.Seal 2	Silicone rubber
Fluid	Compressed air with blowing system	
Working pressure	15 Bar	
Working temperature	-20°C — +50°C	
Degree of protection	IP68	
Estimated life	25 years	
Standards	EN 50411-2-8 Rohs	
Microduct to connect	Polyethylene HDPE	
Microduct outer diameters	Φ5, Φ7, Φ8, Φ10, Φ12, Φ14, Φ16, Φ18, Φ20	
Patent	Connectors patent	



Ordering Information

	Product Code	Description	for Microduct OD/ID Φ (mm)	Cable range (mm)	A	B	C	D	E	F
	FZA5/0.5~2.1	Gas-block Connector5/3.5mm	5/3.5	0.5~2.1	46.5	16.8	3.5	12	10.8	5.2
	FZA5/0.9~3.5	Gas-block Connector5/3.5mm	5/3.5	0.9~3.5	46.5	16.8	3.5	12	10.8	5.2
	FZA7/0.9~3.5	Gas-block Connector7/5.5mm	7/5.5	0.9~3.5	51.5	22	5.5	15.5	13.5	7.3
	FZA7/1~4	Gas-block Connector7/5.5mm	7/5.5	1~4	51.5	22	5.5	15.5	13.5	7.3
	FZA7/2~5.5	Gas-block Connector7/5.5mm	7/5.5	2~5.5	51.5	22	5.5	15.5	13.5	7.3
	FZA8/0.9~3.5	Gas-block Connector8/6mm	8/6	0.9~3.5	51.5	22	6	15.5	13.5	8.3
	FZA8/1~4	Gas-block Connector8/6mm	8/6	1~4	51.5	22	6	15.5	13.5	8.3
	FZA8/2~5.5	Gas-block Connector8/6mm	8/6	2~5.5	51.5	22	6	15.5	13.5	8.3
	FZA10/0.5~3.5	Gas-block Connector10/8mm	10/8	0.5~3.5	79.5	24.5	8	17	15.5	10.3
	FZA10/3~6	Gas-block Connector10/8mm	10/8	3~6	79.5	24.5	8	17	15.5	10.3
	FZA10/5~8	Gas-block Connector10/8mm	10/8	5~8	79.5	24.5	8	17	15.5	10.3
	FZA12/3~6	Gas-block Connector12/10mm	12/10	3~6	51.5	26.5	10	19	17.6	12.4
	FZA12/4~8	Gas-block Connector12/10mm	12/10	4~8	51.5	26.5	10	19	17.6	12.4
	FZA12/7~10	Gas-block Connector12/10mm	12/10	7~10	51.5	26.5	10	19	17.6	12.4
	FZA14/3~6	Gas-block Connector14/12mm	14/12	3~6	82.6	31.2	12	22.5	19.8	14.5
	FZA14/5~8	Gas-block Connector14/12mm	14/12	5~8	82.6	31.2	12	22.5	19.8	14.5
	FZA14/7~10	Gas-block Connector14/12mm	14/12	7~10	82.6	31.2	12	22.5	19.8	14.5
	FZA14/9~12	Gas-block Connector14/12mm	14/12	9~12	82.6	31.2	12	22.5	19.8	14.5
	FZA16/3~6	Gas-block Connector16/12mm	16/12	3~6	77	35.2	12	24.5	23.0	16.5
	FZA16/4~8	Gas-block Connector16/12mm	16/12	4~8.1	77	35.2	12	24.5	23.0	16.5
	FZA16/7~10	Gas-block Connector12/12mm	16/12	7~10	77	35.2	12	24.5	23.0	16.5
	FZA18/7~10	Gas-block Connector18/15mm	18/15	7~10	103	41.7	15	29.4	27.6	18.5
	FZA18/9~12	Gas-block Connector18/15mm	18/15	9~12	103	41.7	15	29.4	27.6	18.5
	FZA20/3~6	Gas-block Connector20/16mm	20/16	3~6	118	48	16	33.6	32.5	20.6
	FZA20/5~8	Gas-block Connector20/16mm	20/16	4~8.1	118	48	16	33.6	32.5	20.6
	FZA20/7~10	Gas-block Connector20/16mm	20/16	7~8	118	48	16	33.6	32.5	20.6
	FZA20/12~16	Gas-block Connector20/16mm	20/16	12~16	118	48	16	33.6	32.5	20.6

Microduct Gas-block Connector

DESCRIPTION

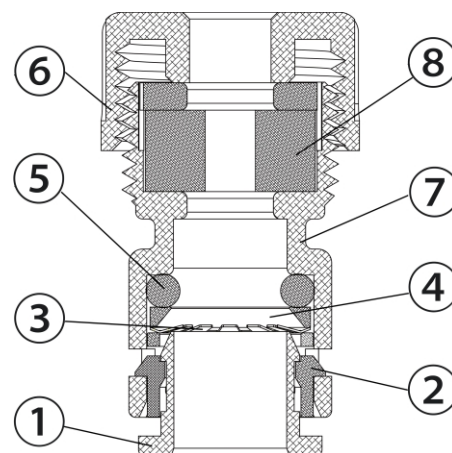
This push-fit endstop is used to close off the end of a microduct and offer a guaranteed gas tight seal by means of a simple application after fibre installation. Not suitable for direct bury applications.

MAIN FEATURES

① Available for wide range of micro-duct sizes OD 7-20 ② Push fit connection ③ Transparent body ④ Removal of the connector is easily achieved by pressing the collect inwards ⑤ application of the gas tight seal is achieved by tightening the black gas block cap

General data

Materials:	1.Collar	Polyacetal
	2.Sleeve	Polyacetal
	3.Lock Claw	Stainless steel
	4.Washer	Polyacetal
	5.Seal 1	EPDM
	6.Nut	Polyacetal
	7.Body	Polycarbonate
	8.Seal 2	Silicone rubber
Fluid	Compressed air with blowing system	
Working pressure	15 Bar	
Working temperature	-20°C — +50°C	
Degree of protection	IP68	
Estimated life	25 years	
Standards	EN 50411-2-8 Rohs	
Microduct to connect	Polyethylene HDPE	
Microduct outer diameters	Φ7,Φ10,Φ12,Φ14,Φ16,Φ18,Φ20	
Patent	Connectors patent	



Ordering Information

	Product Code	Description	for Microduct OD/IDΦ (mm)	Cable range (mm)	A	B	C	D	E	F	G
	FZS7/0.5-3	Gas-block Connector7/5.5mm	7/5.5	0.5-3	28.1	15	3.7	11.8	10.5	5.2	3.7
	FZS7/2.6-4	Gas-block Connector7/5.5mm	7/5.5	2.6-4	28.1	15	3.7	11.8	10.5	5.2	3.7
	FZS7/3-5	Gas-block Connector7/5.5mm	7/5.5	3-5	28.1	15	3.7	11.8	10.5	5.2	3.7
	FZS10/0.5-3	Gas-block Connector10/8mm	10/8	0.5-3	42.5	23	8	16.6	15.7	10.3	10.3
	FZS10/3-6	Gas-block Connector10/8mm	10/8	3-6	42.5	23	8	16.6	15.7	10.3	10.3
	FZS10/6-8	Gas-block Connector10/8mm	10/8	6-8	42.5	23	8	16.6	15.7	10.3	10.3
	FZS12/3-6	Gas-block Connector12/10mm	12/10	3-6	46.5	23	10	19	17.5	12.4	12.4
	FZS12/6-8	Gas-block Connector12/10mm	12/10	6-8	46.5	23	10	19	17.5	12.4	12.4
	FZS12/8-10	Gas-block Connector12/10mm	12/10	8-10	46.5	23	10	19	17.5	12.4	12.4
	FZS14/3-6	Gas-block Connector14/12mm	14/12	3-6	45.5	27	12.3	21.5	19.8	14.5	14.5
	FZS14/6-8	Gas-block Connector14/12mm	14/12	6-8	45.5	27	12.3	21.5	19.8	14.5	14.5
	FZS14/8-10	Gas-block Connector14/12mm	14/12	8-10	45.5	27	12.3	21.5	19.8	14.5	14.5
	FZS16/6-8	Gas-block Connector16/12mm	16/12	6-8	46.9	30	14.3	24.4	23	16.5	16.5
	FZS16/8-10	Gas-block Connector16/12mm	16/12	8-10	46.9	30	14.3	24.4	23	16.5	16.5
	FZS18/3-6	Gas-block Connector18/15mm	18/15	3-6	62.5	32.5	16.3	29	27.6	18.5	18.5
	FZS18/6-8	Gas-block Connector18/15mm	18/15	6-8	62.5	32.5	16.3	29	27.6	18.5	18.5
	FZS18/8-10	Gas-block Connector18/15mm	18/15	8-10	62.5	32.5	16.3	29	27.6	18.5	18.5
	FZS20/6-8	Gas-block Connector20/18mm	20/18	6-8	70.8	39	16.5	33.5	32.5	20.6	20.6
	FZS20/8-10	Gas-block Connector20/18mm	20/18	8-10	70.8	39	16.5	33.5	32.5	20.6	20.6

Divisible mini micro duct seal

DESCRIPTION

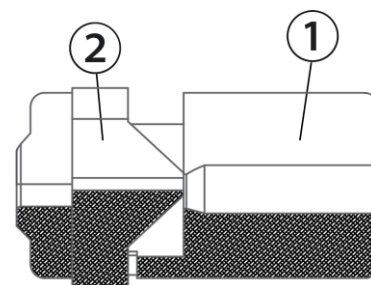
Very compact design, small dimension enables installation within ODF with difficult access. Thanks to the clever design the installation is only matter of sliding the rubber seal over the fiber & pushing it against the duct wall. It has been developed to provide gas tight seal between a micro-duct OD 4–10 mm and micro-cables from 0.9 to 3.5 mm.

MAIN FEATURES

- ① Transparent body, Silicon seals with color coding ② For micro ducts OD 4 to 10 mm ③ Pull-out force duct seal vs duct > 20N
④ Cable from 0.9 to 3.5mm ⑤ Compact & small dimension

General data

Materials:	1.Body	Polycarbonate
	2.Seal	Silicone rubber
Fluid	Compressed air with blowing system	
Working pressure	15 Bar	
Working temperature	-20°C — +50°C	
Degree of protection	IP68	
Estimated life	25 years	
Standards	EN 50411-2-8 Rohs	
Microduct to connect	Polyethylene HDPE	
Microduct outer diameters	Φ4,Φ5,Φ6,Φ7,Φ8,Φ10	
Patent	Connectors patent	



Ordering Information

	Product Code	Description	for Microduct OD Φ (mm)	Cable range (mm)	A	B	C	D	E
	XDDS4/0.9	Divisible mini micro duct seal 0.9	4	0.9~1.2	26	13.5	3.2	4.2	0.9
	XDDS4/1.2	Divisible mini micro duct seal 1.2	4	1.1~1.5	26	13.5	3.2	4.2	1.2
	XDDS4/1.6	Divisible mini micro duct seal 1.6	4	1.5~1.8	26	13.5	3.2	4.2	1.6
	XDDS4/2.0	Divisible mini micro duct seal 2.0	4	1.8~2.1	26	13.5	3.2	4.2	2.0
	XDDS5/0.9	Divisible mini micro duct seal 0.9	5	0.9~1.2	26	13.5	3.2	5.2	0.9
	XDDS5/1.2	Divisible mini micro duct seal 1.2	5	1.1~1.5	26	13.5	3.2	5.2	1.2
	XDDS5/1.6	Divisible mini micro duct seal 1.6	5	1.5~1.8	26	13.5	3.2	5.2	1.6
	XDDS5/2.0	Divisible mini micro duct seal 2.0	5	1.8~2.1	26	13.5	3.2	5.2	2.0
	XDDS5/2.5	Divisible mini micro duct seal 2.5	5	2.1~2.8	26	13.5	3.2	5.2	2.5
	XDDS6/0.9	Divisible mini micro duct seal 0.9	6	0.9~1.2	26	13.5	3.2	6.2	0.6
	XDDS6/1.2	Divisible mini micro duct seal 1.2	6	1.1~1.5	26	13.5	3.2	6.2	1.2
	XDDS6/1.6	Divisible mini micro duct seal 1.6	6	1.5~1.8	26	13.5	3.2	6.2	1.6
	XDDS6/2.0	Divisible mini micro duct seal 2.0	6	1.8~2.1	26	13.5	3.2	6.2	2.0
	XDDS6/2.5	Divisible mini micro duct seal 2.5	6	2.1~2.8	26	13.5	3.2	6.2	2.5
	XDDS7/0.9	Divisible mini micro duct seal 0.9	7	0.9~1.2	26	14.5	3.7	7.3	0.9
	XDDS7/1.2	Divisible mini micro duct seal 1.2	7	1.1~1.5	26	14.5	3.7	7.3	1.2
	XDDS7/1.6	Divisible mini micro duct seal 1.6	7	1.5~1.8	26	14.5	3.7	7.3	1.6
	XDDS7/2.0	Divisible mini micro duct seal 2.0	7	1.8~2.1	26	14.5	3.7	7.3	2.0
	XDDS7/2.5	Divisible mini micro duct seal 2.5	7	2.1~2.8	26	14.5	3.7	7.3	2.5
	XDDS7/3.5	Divisible mini micro duct seal 3.5	7	2.8~3.6	26	14.5	3.7	7.3	3.5
	XDDS8/0.9	Divisible mini micro duct seal 0.9	8	0.9~1.2	26	14.5	3.7	8.3	0.9
	XDDS8/1.2	Divisible mini micro duct seal 1.2	8	1.1~1.5	26	14.5	3.7	8.3	1.2
	XDDS8/1.6	Divisible mini micro duct seal 1.6	8	1.5~1.8	26	14.5	3.7	8.3	1.6
	XDDS8/2.0	Divisible mini micro duct seal 2.0	8	1.8~2.1	26	14.5	3.7	8.3	2.0
	XDDS8/2.5	Divisible mini micro duct seal 2.5	8	2.1~2.8	26	14.5	3.7	7.3	2.5
	XDDS8/3.5	Divisible mini micro duct seal 3.5	8	2.8~3.6	26	14.5	3.7	8.3	3.5
	XDDS10/1.6	Divisible mini micro duct seal 1.6	10	1.5~1.8	26	14.5	3.7	10.3	1.6
	XDDS10/2.0	Divisible mini micro duct seal 2.0	10	1.8~2.1	26	14.5	3.7	10.3	2.0
	XDDS10/2.5	Divisible mini micro duct seal 2.5	10	2.1~2.8	26	14.5	3.7	10.3	2.5
	XDDS10/3.5	Divisible mini micro duct seal 3.5	10	2.8~3.6	26	14.5	3.7	10.3	3.5

Divisible Microduct Seal

DESCRIPTION

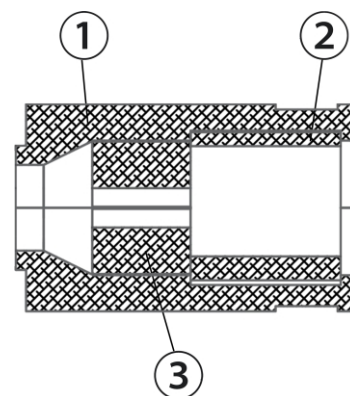
Simple modular design enables easy installation in all situations, even if cable is already terminated. Made of glass-fiber reinforced polyamide, provides gas-tight sealing of your micro-duct with cable up to 0,5 bar. Very compact design helps to installations in congested spaces like inside ODF.

MAIN FEATURES

- ① Divisible solution, Suitable for retrofitting.
- ② For micro ducts OD 10 to 20 mm
- ③ Simple & quick installation
- ④ Pull-out force duct seal vs duct $\geq 100\text{N}$
- ⑤ Slim design, Silicon seals with color coding

General data

Materials:	1.Body	ABS
	2.Sleeve	ABS
	3.Seal	Silicone rubber
Fluid	Compressed air with blowing system	
Working pressure	15 Bar	
Working temperature	-20°C — +50°C	
Degree of protection	IP68	
Estimated life	25 years	
Standards	EN 50411-2-8 Rohs	
Microduct to connect	Polyethylene HDPE	
Microduct outer diameters	$\Phi 10, \Phi 12, \Phi 14, \Phi 16, \Phi 18, \Phi 20$	
Patent	Connectors patent	



Ordering Information

	Product Code	Description	for Microduct OD Φ (mm)	Cable range (mm)	A	B	C	D	E
	CDDS10/2.5	Divisible Microduct Seal 10/2.5	10	1.5~2.8	33	24	8.3	2.5	10.2
	CDDS10/3.5	Divisible Microduct Seal 10/3.5	10	2.5~3.8	33	24	8.3	3.5	10.2
	CDDS10/5.0	Divisible Microduct Seal 10/5.0	10	3.5~5.3	33	24	8.3	5.0	10.2
	CDDS10/6.5	Divisible Microduct Seal 10/6.5	10	5~6.8	33	24	8.3	6.5	10.2
	CDDS12/3.5	Divisible Microduct Seal 12/3.5	12	2.5~3.8	33	24	8.3	3.5	12.2
	CDDS12/5.0	Divisible Microduct Seal 12/5.0	12	3.5~5.3	33	24	8.3	5.0	12.2
	CDDS12/6.5	Divisible Microduct Seal 12/6.5	12	5~6.8	33	24	8.3	6.5	12.2
	CDDS12/8.0	Divisible Microduct Seal 12/8.0	12	6.5~8.3	33	24	8.3	8.0	12.2
	CDDS14/5.0	Divisible Microduct Seal 14/5.0	14	3.5~5.3	39	30	11	5.0	14.2
	CDDS14/6.5	Divisible Microduct Seal 14/6.5	14	5~6.8	39	30	11	6.5	14.2
	CDDS14/8.0	Divisible Microduct Seal 14/8.0	14	6.5~8.3	39	30	11	8.0	14.2
	CDDS14/10	Divisible Microduct Seal 14/10	14	8~10.3	39	30	11	10	14.2
	CDDS16/5.0	Divisible Microduct Seal 16/5.0	16	3.5~5.3	39	30	11	5.0	16.2
	CDDS16/6.5	Divisible Microduct Seal 16/6.5	16	5~6.8	39	30	11	6.5	16.2
	CDDS16/8.0	Divisible Microduct Seal 16/8.0	16	6.5~8.3	39	30	11	8.0	16.2
	CDDS16/10	Divisible Microduct Seal 16/10	16	8~10.3	39	30	11	10	16.2
	CDDS18/8.0	Divisible Microduct Seal 18/8.0	18	6.5~8.3	43	38	14	8.0	18.2
	CDDS18/10	Divisible Microduct Seal 18/10	18	8~10.3	43	38	14	10	18.2
	CDDS18/12	Divisible Microduct Seal 18/12	18	10~12.3	43	38	14	12	18.2
	CDDS20/8.0	Divisible Microduct Seal 20/8.0	20	6.5~8.3	43	38	14	8.0	20.3
	CDDS20/10	Divisible Microduct Seal 20/10	20	8~10.3	43	38	14	10	20.3
	CDDS20/12	Divisible Microduct Seal 20/12	20	10~12.3	43	38	14	12	20.3

Direct Buried Straight Connector

DESCRIPTION

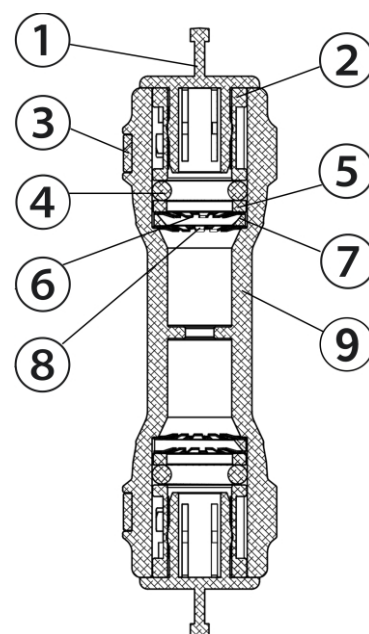
The direct buried straight connector were developed to connect microducts with each other. Our system enables an easy, fast connection of the microduct. The direct buried straight connector robust construction resistance to high pressure forces, allowing them to be used in direct buried (DB) applications.

MAIN FEATURES

- ① High pressure resistance >25bar.
- ② High temperature resistance -40~65°C.
- ③ Designed to connect thick-walled microducts in a direct buried environments.
- ④ Permanent connection that cannot be unlocked after installation Easy to use, robust, and high mechanical resistance.
- ⑤ Packaging: bag

General data

Materials:	1.Collar	Polyacetal
	2.Sleeve	Polyacetal
	3.Safety Clip	Polyacetal
	4.Seal	EPDM
	5.Washer1	Polyacetal
	6.Lock Claw1	Stainless steel
	7.Washer2	Polyacetal
	8.Lock Claw2	Stainless steel
	9.Body	Polycarbonate
Fluid		Compressed air with blowing system
Working pressure		15 Bar
Working temperature		-20°C — +50°C
Degree of protection		IP68
Estimated life		25 years
Standards		EN 50411-2-8 Rohs
Microduct to connect		Polyethylene HDPE
Microduct outer diameters		Φ7, Φ8, Φ10, Φ12, Φ14
Patent		Connectors patent



Ordering Information

	Product Code	Description	for Microduct OD/ID Φ (mm)	A	B	C	D
	DBSMC7	Direct Buried Straight Connector 7	7/3.5	79	19.9	8.3	3.7
	DBSMC8	Direct Buried Straight Connector 8	8/5	79	19.9	8.3	3.7
	DBSMC10	Direct Buried Straight Connector 10	10/8	88.1	22.7	10.4	6.3
	DBSMC12	Direct Buried Straight Connector 12	12/8	96.1	24.9	12.4	8.3
	DBSMC14	Direct Buried Straight Connector 14	14/10	104.6	27.9	14.2	10.4

Direct Buried End Stop

DESCRIPTION

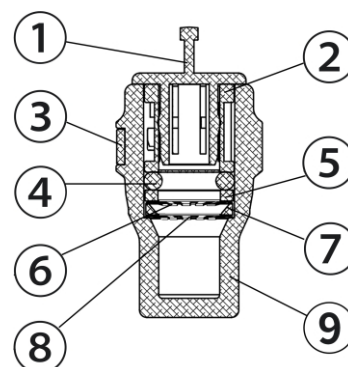
The direct buried end stop connector were developed to connect microducts cut end. Our system enables an easy, fast connection of the microduct. The direct buried end stop microduct connector robust construction resistance to high pressure forces, allowing them to be used in direct buried (DB) applications.

MAIN FEATURES

- ① High pressure resistance >25bar.
- ② High temperature resistance -40~65°C.
- ③ Designed to connect thick-walled microducts in a direct buried environments.
- ④ Permanent connection that cannot be unlocked after installation Easy to use, robust, and high mechanical resistance.
- ⑤ Packaging: bag

General data

Materials:	1.Collar	Polyacetal
	2.Sleeve	Polyacetal
	3.Safety Clip	Polyacetal
	4.Seal	EPDM
	5.Washer1	Polyacetal
	6.Lock Claw1	Stainless steel
	7.Washer2	Polyacetal
	8.Lock Claw2	Stainless steel
	9.Body	Polycarbonate
Fluid	Compressed air with blowing system	
Working pressure	15 Bar	
Working temperature	-20°C — +50°C	
Degree of protection	IP68	
Estimated life	25 years	
Standards	EN 50411-2-8 Rohs	
Microduct to connect	Polyethylene HDPE	
Microduct outer diameters	Φ7, Φ8, Φ10, Φ12, Φ14	
Patent	Connectors patent	



Ordering Information

	Product Code	Description	for Microduct OD/ID Φ (mm)	A	B	C
The technical drawing shows the dimensions A, B, and C for the connector. A is the total length, B is the height of the main body, and C is the height of the collar. The photograph shows two physical connectors, one with a yellow collar and one with a black collar.	DBSMC7	Direct Buried End Stop 7	7/3.5	39.5	19.9	8.3
	DBSMC8	Direct Buried End Stop 8	8/5	39.5	19.9	8.3
	DBSMC10	Direct Buried End Stop 10	10/8	44.1	22.7	10.4
	DBSMC12	Direct Buried End Stop 12	12/8	48.25	24.9	12.4
	DBSMC14	Direct Buried End Stop 14	14/10	52.5	27.9	14.2



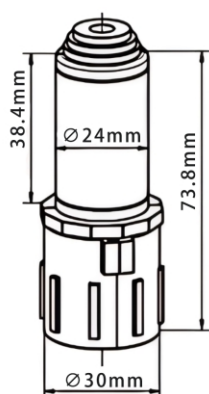
DESCRIPTION

Simplex plugs effectively seal HDPE ducts occupied with a single cable. These plugs are removable & reusable. Proper sealing around cable in conduits and subducts is important to prevent the costly flooding of buildings and sedimentation of the area around the cable. These easily removable and reusable devices facilitate the redistribution of cable slack by ensuring a clear raceway around outside plant cables.

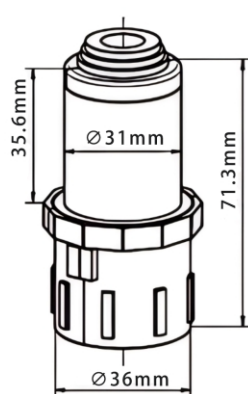
Main features

- ① Water-tight and air-tight
- ② Seals all types of inner duct
- ③ Easy to retrofit
- ④ Wide cable sealing range
- ⑤ Installs and removes by hand
- ⑥ Packaging: bag

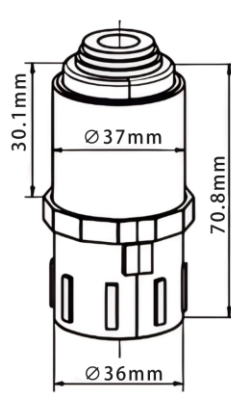
BLS32/24



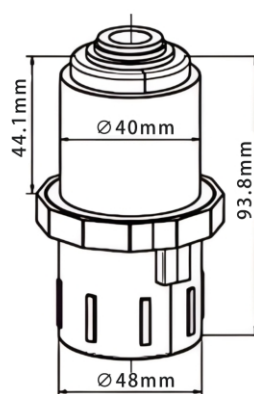
BLS40/31



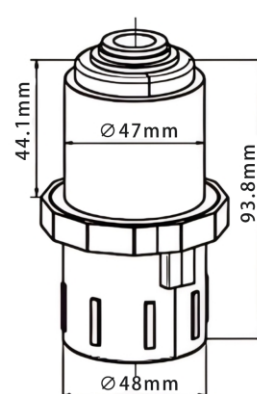
BLS50/37



BLS63/40



BLS63/47



SPECIFICATIONS AND PARAMETERS

No.	Model No.	Description	For Silicore Pipe OD/IDΦ (mm)	Cable range (mm)
1	BLS32/24-30mm	Simplex plug 32mm	32/26	4.5-6.1mm
2	BLS32/24-30mm	Simplex plug 32mm	32/26	6.9-8.9mm
3	BLS32/24-30mm	Simplex plug 32mm	32/26	9.3-11.4mm
4	BLS32/24-30mm	Simplex plug 32mm	32/26	12.6-14mm
5	BLS40/31-36mm	Simplex plug 40mm	40/33	8.9-11.4mm
6	BLS40/31-36mm	Simplex plug 40mm	40/33	12.6-14mm
7	BLS40/31-36mm	Simplex plug 40mm	40/33	14.1-15.8mm
8	BLS40/31-36mm	Simplex plug 40mm	40/33	15.9-18mm
9	BLS50/37-46mm	Simplex plug 50mm	50/41	8.9-11.4mm
10	BLS50/37-46mm	Simplex plug 50mm	50/41	12.6-14mm
11	BLS50/37-46mm	Simplex plug 50mm	50/41	14.1-15.8mm
12	BLS50/37-46mm	Simplex plug 50mm	50/41	15.9-18mm
13	BLS63/47-56mm	Simplex plug 63mm	63/54	12.6-14mm
14	BLS63/47-56mm	Simplex plug 63mm	63/54	14.1-15.8mm
15	BLS63/47-56mm	Simplex plug 63mm	63/54	15.7-18mm
16	BLS63/47-56mm	Simplex plug 63mm	63/54	18.1-22.9mm

Blank Duct Plugs

DESCRIPTION

Blank plugs effectively seal empty HDPE duct ends. These plugs are removable & reusable. Proper sealing of your conduits and subducts is important to prevent the costly flooding of buildings and sedimentation inside.

Blank Duct Plugs



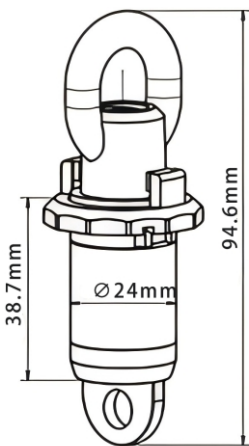
MAIN FEATURES

- ① Water-tight and air-tight
- ② Seals all types of inner duct
- ③ Easy to retrofit
- ④ Wide cable sealing range
- ⑤ Installs and removes by hand
- ⑥ Packaging: bag

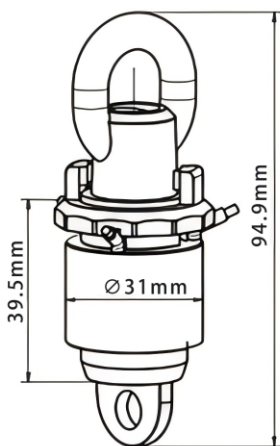
Duct Bank Durability

Manufactured from high-impact plastic components, combined with durable elastic gaskets, Blank plugs are corrosion proof and effective as long-term or temporary seals.

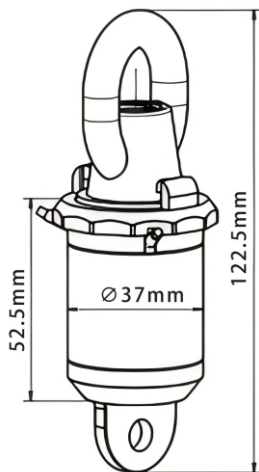
DT32/24



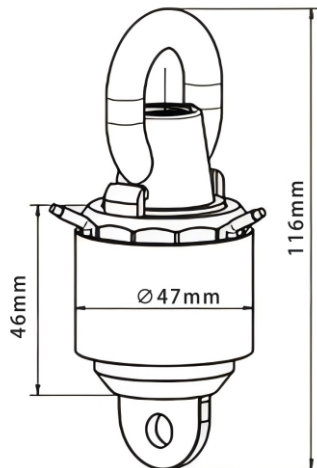
DT40/31



DT50/37



DT63/47



SPECIFICATIONS AND PARAMETERS

No.	Model No.	Description	For Silicore Pipe OD/IDΦ (mm)
1	DT32/24-30	Blank Duct Plugs 32	32/26
2	DT40/31-36	Blank Duct Plugs 40	40/33
3	DT50/37-46	Blank Duct Plugs 50	50/41
4	DT63/47-56	Blank Duct Plugs 47	63/54

Blank Duct Plugs



Specification	Duct ID Diameter Rang(mm)
Blank Duct Plug BLA-S080	80-83
Blank Duct Plug BLA-S100	100-103
Blank Duct Plug BLA-S125	125-128
Blank Duct Plug BLA-S150	150-153

Hole of Duct Plug



Specification	Duct ID Diameter Rang(mm)	Duct OD Diameter Rang(mm)	Hole of duct /cable
HSD-80/50	80-83	48-50	1
HSD-100/65	100-103	63-65	1
HSD-125/81	125-128	78-81	1
HSD-150/113	150-153	110-113	1



FA Hole of Duct Plug



Specification	Duct ID Diameter Rang(mm)	Duct OD Diameter Rang(mm)	Hole of duct /cable
HSD-F80/50	80-83	48-50	1
HSD-F100/65	100-103	63-65	1
HSD-F125/81	125-128	78-81	1
HSD-F150/113	150-153	110-113	1

Hole of Duct Plug 3P



Specification	Duct ID (mm)	Duct/Cable O(mm)	Hole of duct /cable
HRD-100G-3/32	99-102	30-32	3
HRD-100G-3/40	99-102	38-40	3

FA Hole of Duct Plug 3P



Specification	Duct ID (mm)	Duct/Cable O(mm)	Hole of duct /cable
HRD-F100G-3/32	99-102	30-32	3
HRD-F100G-3/40	99-102	38-40	3

Hole of Duct Plug 4P



Specification	Duct ID (mm)	Duct/Cable O(mm)	Hole of duct /cable
HRD-100G-4/32	99-102	30-32	4
HRD-106G-4/32	106-109	30-32	4

FA Hole of Duct Plug 4P



Specification	Duct ID (mm)	Duct/Cable O(mm)	Hole of duct /cable
HRD-F100G-4/32	99-102	30-32	4
HRD-F106G-4/32	106-109	30-32	4

DESCRIPTION

Soft PVC caps provides anti-dust protection of your duct ends. They have an excellent resistance to weather conditions and UV radiation. Ideally used for transport, storage or installation period of your ducts.

MAIN FEATURES

- ① Resistant to acids, alkalis and salts.
- ② Flexible, easily adaptable, does not crack.
- ③ Short-term resistance to thermal shock up to 120 °C
- ④ Production tolerance – wall thickness ± 0.3 mm, length ± 1 mm



SPECIFICATIONS AND PARAMETERS

Model No.	Discription	Package (pieces)	Duct od Φ mm
EC5	Plastic Dust Cover 5mm	5000	5
EC6	Plastic Dust Cover 6mm	5000	6
EC7	Plastic Dust Cover 7mm	2000	7
EC8	Plastic Dust Cover 8mm	2000	8
EC10	Plastic Dust Cover 10mm	2000	10
EC12	Plastic Dust Cover 12mm	1000	12
EC14	Plastic Dust Cover 14mm	1000	14
EC16	Plastic Dust Cover 16mm	500	16
EC18	Plastic Dust Cover 18mm	500	18
EC20	Plastic Dust Cover 20mm	500	20

HDPE Ducts Push-Fit Connector

DESCRIPTION

- ① Easy installation, without any special tools.
- ② To be used direct buried application.
- ③ Transparent plastic body, easy to observe the situation.
- ④ High Pressure resistance >25bar.
- ⑤ IP Rate: Ip68

Components Material

1	Body	PP
2	Nut	PP
3	Blocking Ring	POM
4	Grip Ring	POM
5	O-rings	NBR



PUSH-FIT CONNECTOR PERFORMANCE:

PE63 Pipe	SDR	20mm	25mm	28mm	32mm	40mm	50mm
Maximum Force	11	1.5KW	2KN	2KN	4KN	7KN	8KN

SPECIFICATIONS AND PARAMETERS

Specification	Duct OD(mm)	Duct ID(mm)
DB Straight Connector DBC20/16	20	16
DB Straight Connector DBC25/22	25	22
DB Straight Connector DBC32/29	32	29
DB Straight Connector DBC40/36	40	36
DB Straight Connector DBC50/46	50	46

DESCRIPTION

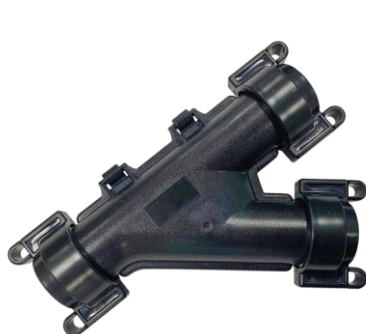
The Anmaspc microduct Y-Model closure is a device used in the installation of micro ducts in a fiber optic network. Microducts are small diameter tubes that are used to protect and house fiber optic cables in a network. Y-closures are used when the network needs to branch off in different directions.

MAIN FEATURES

- ① direct bury or chambers installation
- ② for installing closure in existing microduct system
- ③ hermetic
- ④ no need to use additional tools for closing

Components Material		
1	Shell:	ABS
2	Lock Claw:	POM
3	Cap:	ABS

PICTURES FOR REFERENCE:



MAIN FEATURES

Model No.	Yclosure	Dimension(MM)	290mm*205mm*87mm
Crush	1000N/10Mins	Protection Level	IP55
Impact	>20 joule	Inlet/outlet	1+2
Pull-out	>1000N	Sealing Method For inlets	Screw mechanical
Inlet cable port	Φ20、Φ25、Φ32、Φ40(mm)	Outlet cable port	Φ20、Φ25、Φ32、Φ40(mm)
Color	Black or white	Weight	430g
Material	ABS	Operating temperature	-30°C-70°C

CLOSURE SPECIFICATION

Y40-40-40	Y32-32-25
Y40-40-32	Y32-32-50
Y40-40-25	Y25-25-25
Y40-40-20	Y25-25-20
Y32-32-32	Y20-20-20

HDPE Microduct Bundles T-Closure

DESCRIPTION

The Anmaspc microduct T Model closure is commonly used in telecommunications and networking applications, such as in fiber optic networks for internet and phone services. It is an important component in managing and distributing fiber optic cables in tight spaces, providing a secure and organized way to connect multiple micro ducts and cables together.

MAIN FEATURES

- ① direct bury or chambers installation
- ② for installing closure in existing microduct system
- ③ hermetic
- ④ no need to use additional tools for closing

Components Material		
1	Shell:	ABS
2	Lock Claw:	POM
3	Cap	ABS

PICTURES FOR REFERENCE:



MAIN FEATURES

Model No.	T-Closure	Dimension(MM)	360mm*220mm*87mm
Crush	1000N/10Mins	Protection Level	IP55
Impact	>20 joule	Inlet/outlet	1+2
Pull-out	>1000N	Sealing Method For inlets	Screw mechanical
Inlet cable port	Φ20、Φ25、Φ32、Φ40(mm)	Outlet cable port	Φ20、Φ25、Φ32、Φ40(mm)
Color	Black or white	Weight	450g
Material	ABS	Operating temperature	-30°C-70°C

CLOSURE SPECIFICATION

T40-40-40	T32-32-32
T40-32-40	T32-25-32
T40-25-40	T32-20-32
T40-20-40	T20-20-20

HDPE Microduct Bundles I-Closure

DESCRIPTION

The Anmaspc microduct I Model closure is commonly used in telecommunications and networking applications, such as in fiber optic networks for internet and phone services. It is an important component in managing and distributing fiber optic cables in tight spaces, providing a secure and organized way to connect multiple micro ducts and cables together.

MAIN FEATURES

- ① direct bury or chambers installation
- ② for installing closure in existing microduct system
- ③ hermetic
- ④ no need to use additional tools for closing

PICTURES FOR REFERENCE:



Components Material

1	Shell:	ABS
2	Lock Claw:	POM
3	Cap	ABS

MAIN FEATURES

Model No.	I-Closure	Dimension(MM)	615mm*159mm*108mm
Crush	1000N/10Mins	Protection Level	IP65
Impact	>20 joule	Inlet/outlet	1+1
Pull-out	>1000N	Sealing Method For inlets	Screw mechanical
Inlet cable port	Φ62(mm)	Outlet cable port	Φ62(mm)
Color	Black or white	Weight	2040g
Material	ABS	Operating temperature	-30°C-70°C

CLOSURE SPECIFICATION

For the duct size : less than $Od \leq 50mm$

HDPE Microduct Distribution Closure

DESCRIPTION

The Anmaspc Hdpe Microduct distribution closure(TDC) is a device used in telecommunications and networking applications to manage and distribute fiber optic cables. It is designed to house and organize multiple fiber optic cables and provide a secure and reliable connection between them.

MAIN FEATURES

- ① direct bury or chambers installation
- ② for installing closure in existing microduct system
- ③ hermetic
- ④ no need to use additional tools for closing

Components Material

1	Shell:	ABS
2	Spacers:	Nylon
3	Seal:	TPE
4	Port Supports:	Polypropylene
5	Clamp Plates:	Nylon
6	All metallic parts:	Stainless steel

PICTURES FOR REFERENCE:



TECHNICAL PARAMETER

Model No.	Distribution Closure	Dimension(MM)	316*220*70
Crush	2000N/15Mins	Protection Level	IP65
Impact	>20 joule	Inlet/outlet	5+2
Pull-out	>1000N	Sealing Method For inlets	Screw mechanical
Inlet cable port	Φ42mm 5pcs+Φ36mm 2pcs	Outlet cable port	Φ42mm 5pcs+Φ36mm 2pcs
Color	Black or white	Weight	1200g
Material	ABS	Operating temperature	-30°C-70°C

CLOSURE SPECIFICATION

For the duct size : less than $Od \leq 38mm$

HDPEM ICRODUCT BUNDLE PIPE



DESCRIPTION

The outer sheath is rugged High Density Poly Ethylene HDPE providing excellent protection from the physical environment. An Aluminum or non-metallic layer is added to provide additional strength which results in crush and impact resistance



1 Way



2 Way



4 Way



7 Way



12 Way

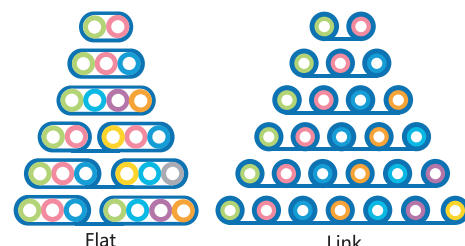


19 Way



24+1 Way

Primary Duct Dimensions OD/ID(mm)	Outside Dimensions Hx W(mm)						
	1 Way	2 Way	4 Way	7 Way	12 Way	19 Way	24+1 Way
5/3.5mm	8.4	8.4X13.4	15.5	18.4	23.7	27.7	33.3
8/6mm	11.4	11.4X19.4	23.1	27.8	36.2	43.8	51.01
10/8mm	13.4	13.4X23.4	27.9	33.8			
12/10mm	15.4	15.4X27.4	32.8	39.8			



Flat

Link

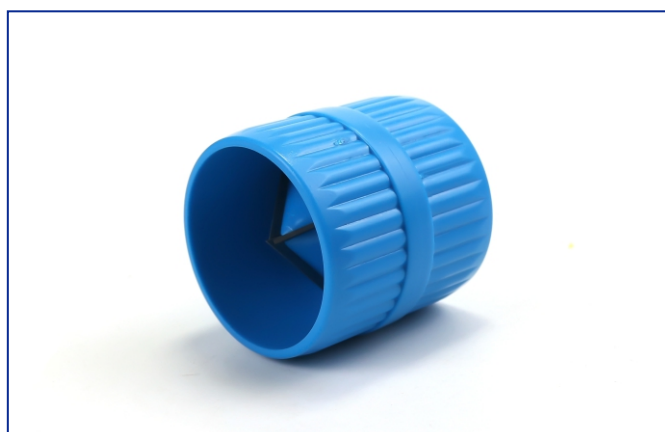


4 way customized configuration



12 way customized configuration

OD/ID	2 Way	3 Way	4 Way	5 Way	6 Way	7 Way
7/3.5mm	F	F	F	F	F	F
10/6mm	F	F	F	F	F	F
12/8mm	F	L	F	L	F	L
14/10mm	F	L	F	L	F	L
16/12mm	F	L	F	L	F	L
18/14mm	F	L	F	L	F	L
20/16mm	L	L	L	L	L	L



[illegible]

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.