Micro Reducer FR



MAIN CHARACTERICTICS

Material

Body: FR V0 Polycarbonate

Collect: FR V0 POK

Grip Ring: Stainless steel 304

O-ring: FR V0 Silicone

Ring: FR V0 POK

Pressing sleeve: FR V0 POK

Locking clip: FR V0 Polyamide

Temperature

Installation: -15 °C to +45 °C

Operation: -15 °C to +45 °C

Transport and storage: -15 °C to +45 °C

Pressure

Operation: 16 bar

Burst: > 25 bar

Others

Insertion force: ≤ 50 N

Impact resistance: 1 joule

Standards

UL94 V-0: flame resistance for in- building applications

Fire performance rating C-s2, d0 in accordance with **EN 13501-1**

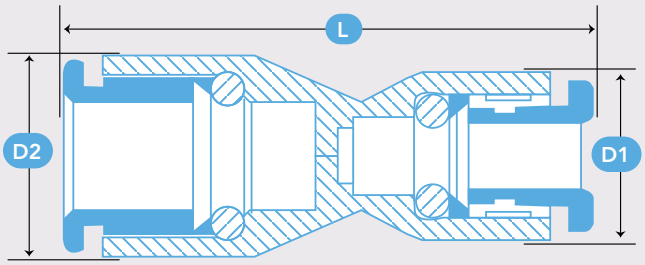
PRODUCT DESCRIPTION

Make connections between MicroDucts of different sizes in in-building applications, without the need for tools. Transparent design affords greater control when connecting MicroDucts and enables visual confirmation of the presence of a cable.

APPLICATION AREA

For use with Low Smoke Halogen Free (LSHF) and Fire Retardant MicroDucts of different sizes in settings where fire, smoke, and toxic fumes pose a risk to human life and critical electronic equipment.

TECHNICAL SPECIFICATIONS



Size	L (mm)	D1 (mm)	D2 (mm)
5-3	32	8.65	11.9
7-5	38.8	12	14.8
8-5	38.8	12	14.8
10-7	43.2	14.8	16.8
10-8	43.2	14.8	16.8
8.5-5	42	13	17.5
10-8.5	47.5	17	17
12.7-8.5	51	22	17.5
12.7-10	51	22	17.5
14-10	50.6	19.1	21.3
14-12	51.5	19.1	21.3
16-12	54	20	25.1
16-14	54.2	22	25.1

PRODUCT VARIATIONS

Material Description	Pull out force (N)	Packaging	SAP code
Micro Reducer FR 5/3 mm w/s clip	55	350	20080171
Micro Reducer FR 7/5 mm w/s clip	55	200	20080172
Micro Reducer FR 8/5 mm w/s clip	55	200	20080173
Micro Reducer FR 10/7 mm w/s clip	125	140	20080174
Micro Reducer FR 10/8 mm w/s clip	125	140	20080192
Micro Reducer FR 12/8 mm w/s clip	125	120	20080193
Micro Reducer FR 12/10 mm w/s clip	125	120	20080175
Micro Reducer FR 14/10 mm w/s clip	125	80	20080176
Micro Reducer FR 14/12 mm w/s clip	135	80	20080177
Micro Reducer FR 16/12 mm w/s clip	135	60	20080178
Micro Reducer FR 16/14 mm w/s clip	155	60	20080179
Micro Reducer FR 20/16 mm w/s clip	175	20	20080180