GAS BLOCK CONNECTOR

Product Technical sheet

ABOUT

The MicroFit gas block connector was designed to prevent leaking of gas between duct and fiber optics cable inside. The MicroFit gas block connector has an internal seal that can be open to permit blowing through or closed so the seal contacts the fiber and prevents the flow of gas.

When selecting a gas block connector, choose by noting both the microduct size and also the fiber cable inside.

By selecting the correct gas block, various sizes of fiber cable can be accommodated.

The following data is relevant for both Connectors and Reducer:

TECHNICAL SPECIFICATIONS

Blowing Pressure: Between temperatures of -20℃ and +60℃, all connectors size can

be used for blowing operations at pressures up to 16bar.

Gas tightness: > up to 2 bar

Water ingress: The connectors shall seal against a 6m head of water.

Insertion force: 50N max (5kg)

Retention force: 55N min (5mm m/d) 125N min (7mm m/d) 125N min (8.5mm m/d) 125N min (10mm m/d) 135N min (12mm m/d) 155N min (12.7mm m/d) 155N min (14mm m/d) 175N min (16mm m/d) 195N min (18mm m/d)

(Collect not held in)

MATERIALS

#	Part	Raw Material
1	Adaptor	Water graded reinforced polymer
2	Seal for ball	Teflon
3	Ball	Chrome coated brass
4	Pin for shaft	Water graded reinforced polymer
5	Body	Water graded reinforced polymer

AVAILABLE PRODUCTS

Microduct size	Cat No	Ø Cable Size
5	40005M0G050B	0.5-3.5
7	40007M0G070B	1.0-4.6
8	40008M0G080B	1.0-4.6
8	40008M0G081B	3.0-6.0
8.5	400085M0G085B	3.0-6.0
10	40010M0G100B	3.0-6.0
10	40010M0G101B	3.0-6.0
12	40012M0G120B	3.0-6.0
12	40012M0G121B	5.0-8.0
12	40012M0G122B	7.0-10.0
12.7	400-01M0G0010B	3.0-6.0
12.7	400-01M0G0012B	5.0-8.0
12.7	400-01M0G0013B	7.0-10.0
14	40014M0G140B	3.0-6.0
14	40014M0G141B	5.0-8.0
14	40014M0G142B	7.0-10.0
14	40014M0G143B	9.0-12.0
16	40016M0G160B	3.0-6.0
16	40016M0G161B	5.0-8.0
16	40016M0G162B	7.0-10.0
16	40016M0G163B	9.0-12.0
18	40018M0G180B	3.0-6.0
18	40018M0G181B	5.0-8.0
18	40018M0G183B	7.0-10.0
18	40018M0G182B	9.0-12.0

Gas Block Reducer:

Microduct size	Cat No	Ø Cable Size
7/5	40007D0G050B	1.0-4.6