

# BLOLITE™ NON-PLENUM 5mm MICRODUCT

Microducts are empty tubes of a composite construction, comprising an inner layer optimized for the Blolite system and an outer layer of riser-rated flame retardant material. Microducts are 5mm OD and 3.5mm ID. All non-plenum Microducts are blue in color and are printed with product identification and sequential length marking at one-meter intervals.

Up to twelve fibers can be installed simultaneously into each Microduct using the Blolite blown fiber installation technique. Fibers can also be removed from the duct by using the same technique.



Installation capability is a function of the following:

- compressed air pressure and flow rate
- size and length of microduct
- number of fibers
- number of bends in the duct route

**INSTALLATION TENSION** | 50N (11 lbs)

**MINIMUM BEND RADIUS INSTALLED** | 25mm (1.0")  
**INSTALLATION** | 40mm (1.6")

**MAX. INTERNAL PRESSURE** | 140 PSI

**COMPLIANCE** | ETL TYPE OFNR  
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**TEMPERATURE RANGE**

Storage	-30°C to + 80°C
Installation	-10°C to + 65°C
Operating	-20°C to + 70°C

**MAX. CRUSH RESISTANCE** | 450N (100 lbs)

**NOMINAL WEIGHT**

	kg/km	lbs/1000'
	14.6	9.8

## ORDERING INFORMATION

PART NUMBER	DESCRIPTION
FC9700008	5mm Microduct, non-plenum

### NOTES

1. Standard lengths are 500 and 1000 feet, supplied on non-returnable reels. Ends are sealed to prevent the penetration of moisture prior to shipping.



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