

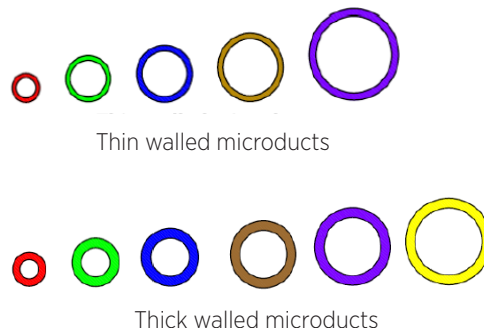
Bluelight™ Single Tube

Single Tube can be used for either direct buried with thick walled microduct or direct install for overrides with thin walled microduct.

Features & Benefits

- Wide range of sizes between 5/3.5mm and 24/20mm
- Ribbed & Smooth Type available

Product Specifications	
Material	HDPE Inner Tube
Marking	FT marking & Customised marking
Colour	Tube colour can be customised
Packing	2500', 5000', 6500' / Steel Reel or Wooden Bobbin



Mechanical Performance Test Compliance			
Mechanical Properties	International Standard	Test Conditions	
Inner Clearance	IEC60794-5-10 Annexe E	Pressure: Max Sphere Size:	12 bar 85% of nom.D
Tensile Strength	IEC60794-5-10&20	Max Tensile Load:	1 x 9.8 x W* (N) W+ mass of 1km of component in kg
Crush	IEC60794-5-10&20	Load:	Thin walled microduct 700N Thick walled microduct 1000N
Impact	IEC60794-5-10&20	Impact:	Thin walled microduct 1J Thick walled microduct 3J
Kink	IEC60794-5-10&20	Diameter:	≤20 x ODD
Bend	IEC60794-5-10&20	Mandrel Diameter:	≤ 24 x OD
Friction	Telcordia GR-356	COF:	≤ 0.1

Single Tube Dimension - Thin Walled Microduct							
Item	Outer Diameter (mm)		Inner Diameter (mm)		Wall Thickness (mm)		Pressure Bar/psi
	Min	Max	Min	Max	Min	Max	
6/3	5.9	6.1	2.9	3.1	1.4	0.1	12/174

Single Tube Dimension - Thick Walled Microduct							
Item	Outer Diameter (mm)		Inner Diameter (mm)		Wall Thickness (mm)		Pressure Bar/psi
	Min	Max	Min	Max	Min	Max	
7/3.5	6.9	7.1	3.4	3.6	1.65	0.15	15/200
16/12	15.9	16.1	11.9	12.1	1.9	0.15	15/200

Ordering Information	
Product Description	Part Number
6/3 HDPE micro duct 5000ft	SiFi-MD-6/3-XX
7/3.5 HDPE micro duct 5000ft	SiFi-MD-7/3.5-XX
16/12 HDPE micro duct 3281ft	SiFi-MD-16/12-XX
Colour Code (XX)	PI (Pink), BL (Blue), GR (Green), YE (Yellow), VI (Violet), OR (Orange), WH (White), RE (Red), GY (Grey), BR (Brown), AQ (Aqua)