

MHT2059

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Blown Fibre DBmf Drops and PIFU Drops

Product Description

A series of PE metal-free one-way drops to connect to customer premises. All these are designed for blowing of fibre unit (FU) and are compatible to connect to 5/3.5 bundles, eg 24-way (5). The new flexible 8/3.5 m/d is available with or without an extra sheath. Each design is also available with pre-installed fibre unit (PIFU) offering an alternative to blowing the final drop distance. Various FUs are available**. All these products are designed for burial in suitably prepared ground. Clearly the plain 8mm diameter versions are more suited to sand or other less 'hostile' burial situations. These drops are not intended for indoor use - See our LFH products.

Product Data (all dimensions are nominal)

Construction	style	length	Micro Duct mm	Outer diam mm	Mass g/m	Bend* radius mm	Max pull tension N (kg)
	Drop	500m drum	8/3.5	10mm	66	100	400 (40)
		3km drum					
	Drop	500m drum	8/3.5	8mm	38	80	250 (25)
		1km drum					
		3km drum					
	PIFU	1km drum	8/3.5	10mm	67	100	250 (25)
	PIFU	1km drum	8/3.5	8mm	39	80	250 (25)

*Radius for blowing is different: We recommend 0.5m radius or more for blowing FU.

** PIFU standard products assume 2 fibre SM. Other FUs are on request, especially for projects.



Deployment:

1. Powered or manned drum payoff is typically required to meet max pull tension.
2. FU is to stay 'free' during pulling of DB drop.

Sheath Removal: Use tool #9728 and ripcord installed under sheath.

Connecting 8mm m/d (to 5/3.5mm m/d): Use special 8/3.5 □ 5/3.5 connector. (not std 8 □ 5)

Testing (not PIFU) (All test methods from IEC 607949-1-2)

		
Tensile test load E1 (10mm/min)	500N	280N
Crush test load E3 - (max deformation 15%)	3000N	1500N
Kink test diameter E10	200mm	160mm
Bend test E11 - mandrel diameter	200mm	160mm

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