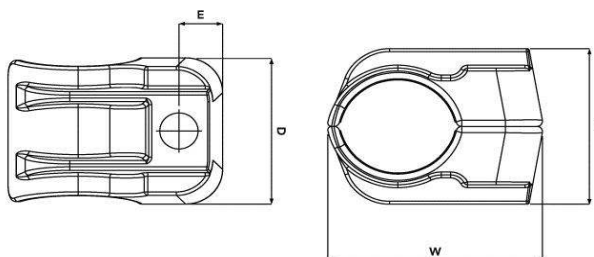


## One Hole Cableclamp (1F) Data Sheet

Manufactured as standard in black polypropylene (B), black flame retardant V0 zero halogen phosphorus free Nylon (LSF) or to special order in a London Underground approved material (LUL). (Material data sheets are available on request). **UK Design Reg. No. 355854.** Used to fix power cables in indoor and outdoor applications.



### Selection Table for One Hole Cable Clamps

Part No	Material Suffix	Cable Dia. Range mm	Dimensions				Fixing Hole	Pack Qty.	Weight g		
			W mm	H mm	D mm	E mm			B	LSF	LUL
1F-10	B/LSF/LUL	10-13	37.8	27.0	41.4	10.2	1 x M10	100	14.6	19.6	23.8
1F-11	B/LSF/LUL	13-16	41.2	30.0	41.4	10.4	1 x M10	100	17.0	23.0	27.7
1F-12	B/LSF/LUL	16-19	44.3	33.0	41.4	10.7	1 x M10	100	19.6	26.4	32.0
1F-13	B/LSF/LUL	19-23	48.2	36.0	41.4	10.9	1 x M10	100	22.4	30.2	36.5
1F-14	B/LSF/LUL	23-27	52.2	40.0	41.4	11.3	1 x M10	100	25.8	34.6	42.0
1F-15	B/LSF/LUL	27-32	57.1	44.0	41.4	11.6	1 x M10	100	29.2	39.0	47.6
1F-16	B/LSF/LUL	32-38	63.1	49.0	41.4	12.1	1 x M10	100	34.2	46.2	55.7
1F-17	B/LSF/LUL	38-46	71.3	58.0	41.4	12.9	1 x M10	50	47.8	64.0	77.9
1F-18	B/LSF/LUL	46-51	77.3	67.0	41.4	13.5	1 x M10	50	54.0	73.2	88.0
1F-19	B/LSF/LUL	51-57	83.2	72.0	41.4	13.9	1 x M10	50	59.0	80.4	96.2



**London Underground**

The LUL version of the 1F One Hole Cableclamps are compliant with the requirement of London Underground Standard 1-085. Product Register No. 363.



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**Thorne & Derrick**  
+44 (0) 191 410 4292  
[www.powerandcables.com](http://www.powerandcables.com)

## Testing Information

One Hole Cable Clamps have been tested in line with the International Standard of "Cable Cleats for Electrical Installations" IEC 61914:2009. Typical results below.

Properties	IEC 61914:2009 Classification Clause	Units / Classification B	Units / Classification LSF	Test Data B	Test Data LSF
Cleat Type	6.1, 6.1.2	Non Metallic	Non Metallic	-	-
Impact Resistance	6.2, 6.3.5	Very Heavy Classification (>5.0kg @ 400mm)	Very Heavy Classification (>5.0kg @ 400mm)	Pass	Pass
Resistance to Electro Mechanical Force	6.4	Refer to Ellis Patents for further details.			
Temperature for Permanent Application	6.2	°C	°C	-40 to 40	-40 to 60
Needle Flame Test	10.1	Application Time (seconds)	Application Time (seconds)	>30	>120
Lateral Load Test	9.3	Newtons (N)	Newtons (N)	320	470
Axial Movement Test	9.4	Newtons (N)	Newtons (N)	160	360

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