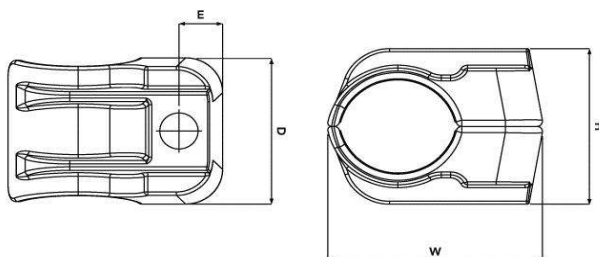


One Hole Cableclamp (1F) Data Sheet

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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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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