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ØGLÆND SYSTEM
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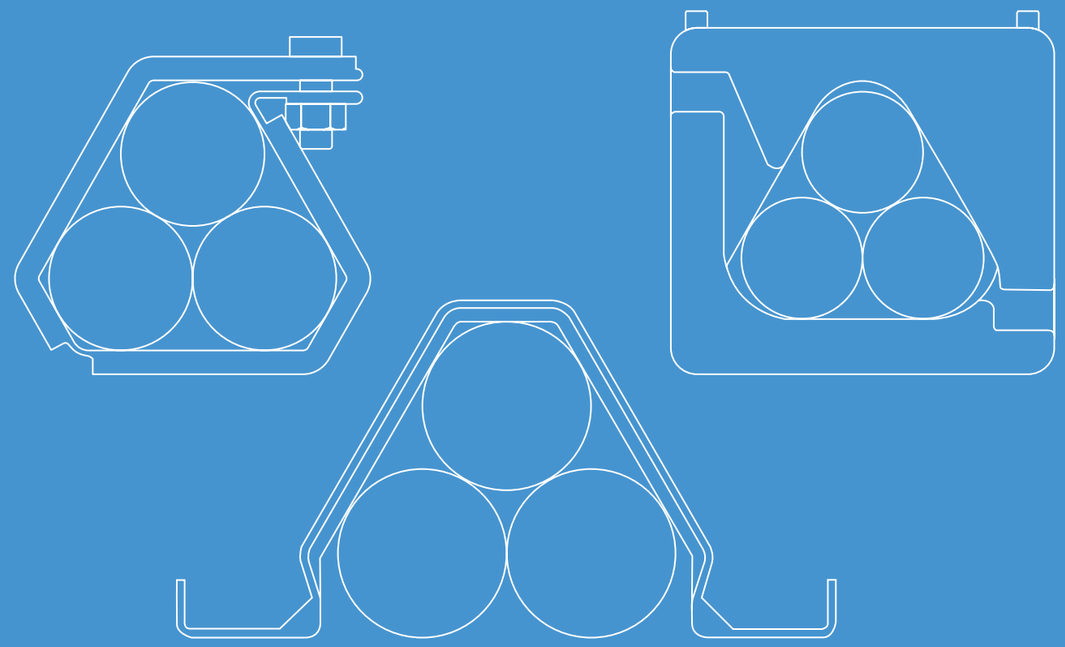
SmartCleat® Cable Cleats

Short circuit certified cable cleats



SmartCleat NG SS
SmartCleat + SS
SmartCleat non-metallic GFP

ØGLÆND SYSTEM
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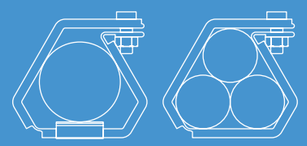
ordre@oglaend-system.com

www.oglaend-system.com

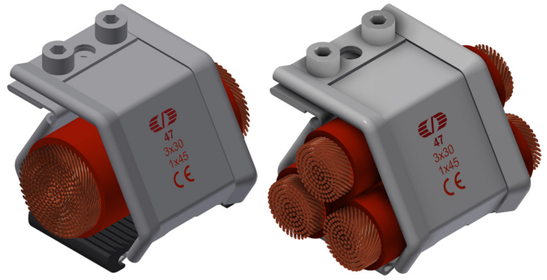


08.2026

SmartCleat® New Generation (NG) SS cable cleats

STEP 1 - CHOOSE CABLE CLEAT

Choose the cleat size based on the cable's outer diameter. If the exact size is unavailable for a single cleat formation, the next larger size may be used, but it can be used only for horizontal cable runs.



SMARTCLEAT SS		
Cable diam. Ø	**Single**	**Trefoil**
22		124822
23		124823
24		124824
25		124825
26		124826
27		124827
28		124828
29		124829
30		124830
31		124831
32	125132	124832
33		124833
34	125133	124834
35	125134	124835
36		124836
37	125135	124837
38	125136	124838
39		124839
40	125137	124840
41	125138	124841
42		124842
43	125139	124843
44		124844
45	125140	124845
46	125141	124846
47		124847
48	125142	124848
49	125143	124849
50		124850
51	125144	124851
52		124852
53	125145	124853
54	125146	124854
55		124855
56	125147	124856
57	125148	124857
58		124858
59	125149	124859
60	125150	124860

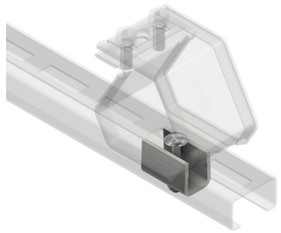
Cable tolerances: Single Ø≤40mm: ±1.5mm, Ø>40mm: ±2.3mm. Trefoil: Ø≤40mm: ±1mm, Ø>40mm: ±1.5mm.
Adapter to fasten on cable ladder/support must be ordered separately.

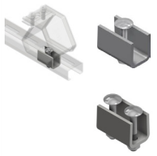
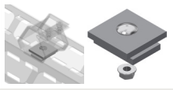
SMARTCLEAT SS		
Cable diam. Ø	**Single**	**Trefoil**
61		124861
62	125151	124862
63		124863
64	125152	124864
65	125153	124865
66		124866
67	125154	124867
68	125155	124868
69		124869
70	125156	124870
71	125247	124871
72		124872
73	125248	124873
74		124874
75	125249	124875
76	125250	124876
77		124877
78	125251	124878
79	125252	124879
80		124880
81	125253	124881
82		124882
83	125254	124883
84	125255	124884
85		124885
86	125256	124886
87	125257	124887
88		124888
89	125258	124889
90	125259	124890
91		124891
92	125260	124892
93		124893
94	125261	124894
95	125262	124895
96		124896
97	125263	124897
98		124898
99	125264	124899

Cable tolerances: Single Ø≤40mm: ±1.5mm, Ø>40mm: ±2.3mm. Trefoil: Ø≤40mm: ±1mm, Ø>40mm: ±1.5mm.
Adapter to fasten on cable ladder/support must be ordered separately.

STEP 2 - ADAPTER TO INSTALL ON SUPPORT

Find the correct adapter for the cable ladder or support channel that the cables will be installed on. For larger cleat sizes, two adapters per cleat are required. See the table for more information.

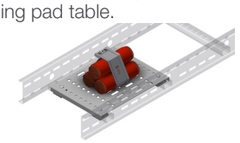


ADAPTERS			
Install cable cleat on			**Item no.**
	Cable ladder OE or TOE (rungs with CW hole pattern)	Standard applications	92365
		Reinforced fixations	90070
	Cable ladder FOE100/FOE150	Single Ø32-79 / Trefoil Ø22-84	92428
		Single Ø80-99 / Trefoil Ø85-99	68800
	Channel Mekano 50-2T / 100-2T *		127569
	Channel UNO P-21 open side up *		68802
	Channel UNO P-41 open side up *		68801
	Channel Mekano FSS CH100-3		184514
	Channel MT-40 open side up *		92426
	Channel MT-40 closed side up *		92425

Note: *See "Adapter quantity matrix" to order suitable combination.*
** Contact us to check availability of reinforced version of adapters.*

STEP 3 - ACCESSORIES & INSTALLATION TOOLS

Exit plates are recommended at both ends of the cable ladder run. Exit plates are not required when installing on support channels, instead install three channels at the beginning and end of the installation with 150mm distance to secure the cable cleats. Lining pads must be used for vertical runs - see lining pad table.



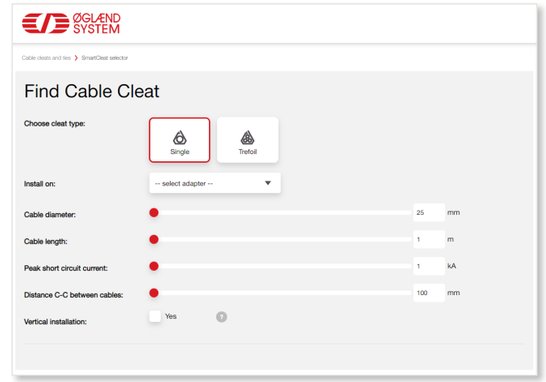
EXIT PLATE	
Ladder width	**Item no.**
150mm	125116
300mm	125117
450mm	125112
600mm	125113
750mm	125114
900mm	125115
Fits OE and FOE cable ladders.	

LINING PAD	
Thickness	**Item no.**
3mm	92471
6mm	92472
9mm	92473
Lining pad to improve the tight fit when cable tolerances vary and for extra grip in vertical installations. Supplied in 1.2m length and can easily be cut to desired length.	

STEP 4 - CABLE CLEAT INSTALLATION DISTANCE

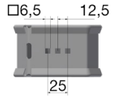
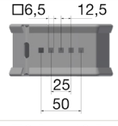
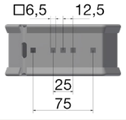
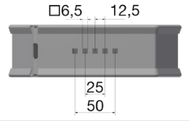
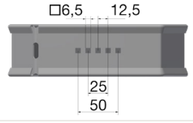
Use the online calculator tool to determine the installation distance and quantity of products to order.

oglaend-system.com/cablecleat-selector



ADAPTER QUANTITY MATRIX

The Single Formation SmartCleat comes standard with a 6mm pre-cut lining pad to cover the fixing bolt head, ensuring it does not contact and damage the cable. This is not an issue for trefoil formation. Lining pads need to be ordered separately for vertical or other installations where extra gripping is needed.

		STANDARD FIXATION		REINFORCED FIXATION	
CABLE SIZE	**HOLE PATTERN ON THE CLEAT BOTTOM**	**SINGLE**	**TREFOIL**	**SINGLE**	**TREFOIL**
Single Ø32 – Ø46 Trefoil Ø22 – Ø31				"Use standard"	"Use standard"
Single Ø48 – Ø70 Trefoil Ø32 – Ø46					"Use standard"
Single Ø71 – Ø79 (A) Single Ø80 – Ø94 (B) Trefoil Ø47 – Ø61		(A) (B)			
Single Ø95 – Ø99 Trefoil Ø62 – Ø84				"Use standard"	
Trefoil Ø85 – Ø95		"Not applicable"		"Not applicable"	
Trefoil Ø96 – Ø99		"Not applicable"		"Not applicable"	"Use standard"

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SmartCleat® Quad SS cable cleats

STEP 1 - CHOOSE CABLE CLEAT

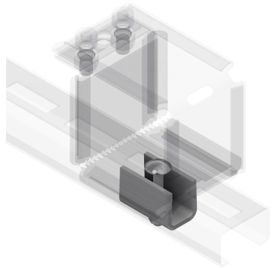
Choose the cleat size based on the cable's outer diameter.

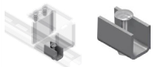
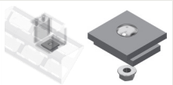
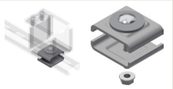
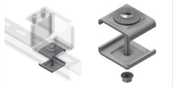
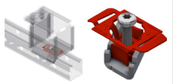
SMARTCLEAT SS	
Cable diam. Ø	**QuadCleat**
15	90415
16	90416
17	90417
18	90418
19	90419
20	90420
21	90421
22	90422
23	90423
24	90424
25	90425
26	90426
27	90427
28	90428
29	90429
30	90430
31	90431
32	90432
33	90433
34	90434
35	90435
36	90436
37	90437
38	90438
39	90439
40	90440
41	90441
42	90442
43	90443
44	90444
45	90445
46	90446
47	90447
48	90448
49	90449
50	90450

Cable tolerances: Single Ø≤40mm: ±1.5mm, Ø>40mm: ±2.3mm. Trefoil: Ø≤40mm: ±1mm, Ø>40mm: ±1.5mm. Adapter to fasten on cable ladder/support must be ordered separately.

STEP 2 - ADAPTER TO INSTALL ON SUPPORT

Find the correct adapter for the cable ladder or support channel that the cables will be installed on. See the table for more information.

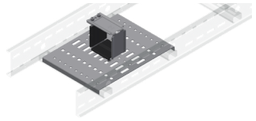


ADAPTERS		
Install cable cleat on		**Item no.**
	Cable ladder OE or TOE (rungs with CW hole pattern)	92365
	Cable ladder FOE100/FOE150	92428
	Channel Mekano 50-2T / 100-2T *	127569
	Channel UNO P-21 open side up *	68802
	Channel UNO P-41 open side up *	68801
	Channel Mekano FSS CH100-3	184514
	Channel MT-40 open side up *	92426
	Channel MT-40 closed side up *	92425

Note: ** Contact us to check availability to order suitable combination of adapters.*

STEP 3 - ACCESSORIES & INSTALLATION TOOLS

Exit plates are recommended at both ends of the cable ladder run. Exit plates are not required when installing on support channels, instead install three channels at the beginning and end of the installation with 150mm distance to secure the cable cleats.
IEC approved QuadCleats are supplied with the recommended liner as part of the selected article number. The lining pads listed below are intended for additional tolerance adjustment and improved grip where required.



EXIT PLATE	
Ladder width	**Item no.**
150mm	125116
300mm	125117
450mm	125112
600mm	125113
750mm	125114
900mm	125115

Fits OE and FOE cable ladders.

LINING PAD	
Thickness	**Item no.**
3mm	92471
6mm	92472
9mm	92473

Additional lining pads can be used for cable diameter tolerance adjustment and enhanced grip, particularly in vertical installations.
Supplied in 1.2m length and can easily be cut to desired length.

STEP 4 - CABLE CLEAT INSTALLATION DISTANCE

Contact us to check availability and to determine the installation distance and quantity of products to order.

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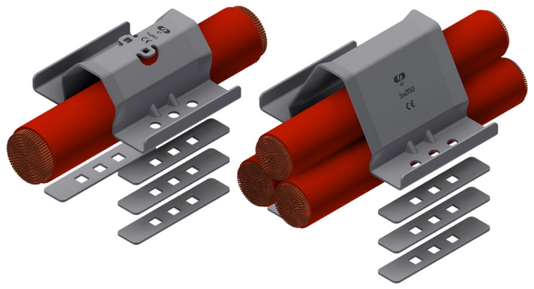
SmartCleat® Plus(+) SS cable cleats

STEP 1 - CHOOSE CABLE CLEAT

Choose cleat size based on the cable outside diameter.



SMARTCLEAT PLUS+ SS		
Cable diam. Ø	**Single**	**Trefoil**
50	123750	124050
51	123751	124051
52	123752	124052
53	123753	124053
54	123754	124054
55	123755	124055
56	123756	124056
57	123757	124057
58	123758	124058
59	123759	124059
60	123760	124060
61	123761	124061
62	123762	124062
63	123763	124063
64	123764	124064
65	123765	124065
66	123766	124066
67	123767	124067
68	123768	124068
69	123769	124069
70	123770	124070
71	123771	124071
72	123772	124072
73	123773	124073
74	123774	124074
75	123775	124075
76	123776	124076
77	123777	124077
78	123778	124078
79	123779	124079
80	123780	124080
81	123781	124081
82	123782	124082
83	123783	124083

Cable Tolerance: single ±3mm, trefoil ±2mm. Adapter to fasten on cable ladder/support must be ordered separately.

SMARTCLEAT PLUS+ SS		
Cable diam. Ø	**Single**	**Trefoil**
84	123784	124084
85	123785	124085
86	123786	124086
87	123787	124087
88	123788	124088
89	123789	124089
90	123790	124090
91	123791	124091
92	123792	124092
93	123793	124093
94	123794	124094
95	123795	124095
96	123796	124096
97	123797	124097
98	123798	124098
99	123799	124099
100	123800	124100
101	123801	124101
102	123802	124102
103	123803	124103
104	123804	124104
105	123805	124105
106	123806	124106
107	123807	124107
108	123808	124108
109	123809	124109
110	123810	124110
111	123811	124111
112	123812	124112
113	123813	124113
114	123814	124114
115	123815	124115
116	123816	124116
117	123817	124117

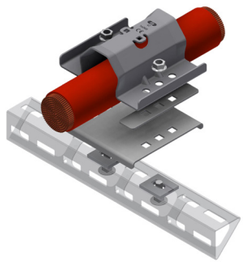
Cable Tolerance: single ±3mm, trefoil ±2mm. Adapter to fasten on cable ladder/support must be ordered separately.

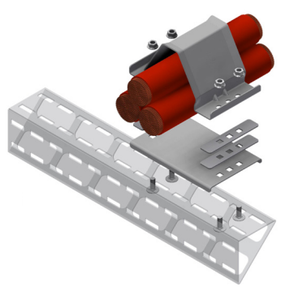
SMARTCLEAT PLUS+ SS		
Cable diam. Ø	**Single**	**Trefoil**
118	123818	124118
119	123819	124119
120	123820	124120
121	123821	124121
122	123822	124122
123	123823	124123
124	123824	124124
125	123825	124125
126	123826	124126
127	123827	124127
128	123828	124128
129	123829	124129
130	123830	124130
131	123831	124131
132	123832	124132
133	123833	124133
134	123834	124134
135	123835	124135
136	123836	124136
137	123837	124137
138	123838	124138
139	123839	124139
140	123840	124140
141	123841	124141
142	123842	124142
143	123843	124143
144	123844	124144
145	123845	124145
146	123846	124146
147	123847	124147
148	123848	124148
149	123849	124149
150	123850	124150

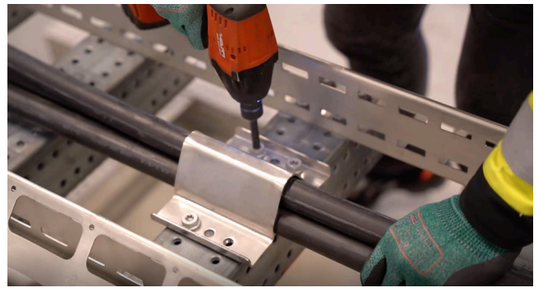
Cable Tolerance: single ±3mm, trefoil ±2mm. Adapter to fasten on cable ladder/support must be ordered separately.

STEP 2 - ADAPTER TO INSTALL ON SUPPORT

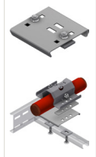
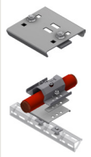
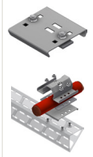
Find the correct adapter for the cable ladder or support channel that the cables will be installed on.







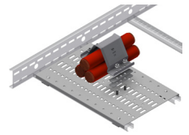
ADAPTERS

Install cable cleat on	 **Cable ladder OE & TOE** Rungs with CW hole pattern	 **Channel Mekano 50-2T** Also fits channel MT-70	 **Channel Mekano 100-2T** 11x35 hole pattern	**Channel Mekano 100-2T** 11x11 hole pattern	**Channel UNO U-21 & U-41** Open side up	**Channel FSS 100-1** Horizontal	**Channel FSS 100-1** Vertical	**Channel FSS 100-2T**	**Channel MT-40** Open side up	**Channel MT-40** Closed side up	**Channel MT-90 & MT-100**
Single Ø50-64	123944	123944	123955		123878	123922	123911	123933	123889	123900	
Single Ø65-89	123945	123945	123956		123879	123923	123912	123934	123890	123901	
Single Ø90-114 Trefoil Ø50-65		123946	123957		123880	123924	123913	123935	123891	123902	
Single Ø115-139 Trefoil Ø57-69		123947	123958		123881	123925	123914	123936	123892	123903	
Single Ø140-150 Trefoil Ø70-81		123948	123959	4 pcs. 1371437	123882	123926	123915	123937	123893	123904	4 pcs. 2272084
Trefoil Ø82-94	contact us	123949	123960		123883	123927	123916	123938	123894	123905	
Trefoil Ø95-106		123950*	123961*		123884*	123928*	123917	123939*	123895	123906*	
Trefoil Ø107-119		123951*	123962*		123885*	123929*	123918	123940*	123896	123907*	
Trefoil Ø120-131		123952*	123963*		123886*	123930*	123919	123941*	123897	123908*	
Trefoil Ø132-144		123953*	123964*		123887*	123931*	123920	123942*	123898	123909*	
Trefoil Ø145-150		123954*	123965*		123888*	123932*	123921	123943*	123899	123910*	

Note: *Cable cleat is supplied with 3 shim plates for optimal fitting, see user guides for example of number of shim plates to use for different cable sizes.*
****For marked items only:*** *For Ø≥100mm and cleat spacing ≤600mm it's allowed to use SmartCleat+ without adapter. However, fasteners must be ordered separately. Contact us for details.*

STEP 3 - ACCESSORIES & INSTALLATION TOOLS

Exit plates are recommended at both ends of the cable ladder run. Exit plates are not required when installing on support channels. Instead install three channels at the start and end of the installation with 150mm distance to secure the cable cleats. For vertical runs additional items and lining pad must be used - contact us for specific details.



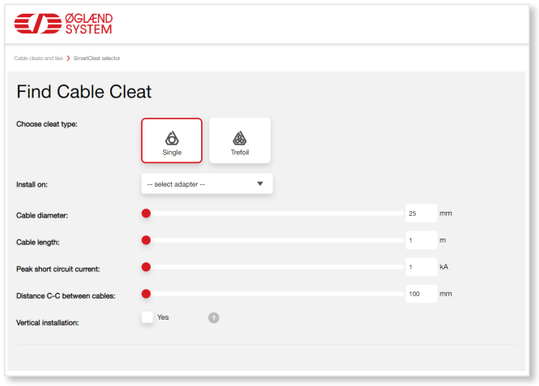
EXIT PLATE	
Ladder width	**Item no.**
150mm	125116
300mm	125117
450mm	125112
600mm	125113
750mm	125114
900mm	125115
Fits OE and FOE cable ladders.	

LINING PAD	
Thickness	**Item no.**
6mm	92470
Lining pad to tighten the fit when cable tolerances vary and for extra grip in vertical installations. Supplied in 1.2m length and can easily be cut to desired length.	

STEP 4 - CABLE CLEAT INSTALLATION DISTANCE

Use the online calculator tool to determine the installation distance and quantity of products to order.

oglaend-system.com/cablecleat-selector



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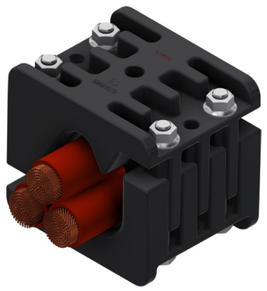
SmartCleat® Non-metallic GFP cable cleats

STEP 1 - CHOOSE CABLE CLEAT

Choose cleat size based on the cable outside diameter.



SMARTCLEAT NON-METALLIC GFP	
Cable diam. Ø	**Single**
15-20	92265
20.5-25.5	92274
26-30	92283
28-33	92266
33.5-38.5	92275
39-43	92284
40-45	92267
45.5-50.5	92276
51-55	92285
53-58	92268
58.5-63.5	92277
64-68	92286
65-70	92269
70.5-75.5	92278
76-80	92287
78-83	92270
83.5-88.5	92279
89-93	92288
90-95	92271
95.5-100.5	92280
101-105	92289
103-108	92272
108.2-113.5	92281
114-118	92290
115-120	92273
120.5-125.5	92282
126-130	92291

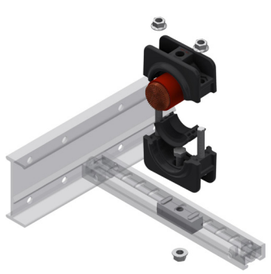
Cable tolerance is reflected in product name: e.g. SLC-1xØ15-20, means 15-20mm cable outer diameter range.

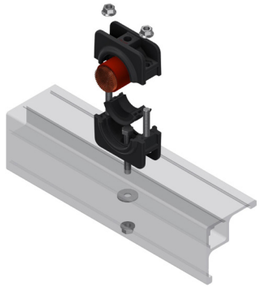
SMARTCLEAT NON-METALLIC GFP	
Cable diam. Ø	**Trefoil**
25-27	92201
28-29	92202
30-31	92203
32-35	92204
36-39	92206
40-43	92207
44-48	92208
49-50	92209
51-55	92210
56-61	92211
62-66	92213
67-70	92214
71-75	92215

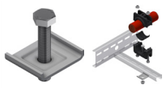
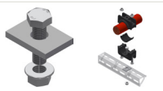
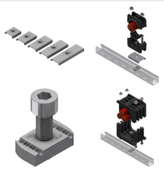
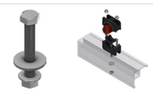
Cable tolerance is reflected in product name: e.g. SCLT-3xØ26-27 GFP Adapter to fasten on cable ladder/ support must be ordered separately.

STEP 2 - ADAPTER TO INSTALL ON SUPPORT

Find the correct adapter for the cable ladder or support channel that the cables will be installed on.



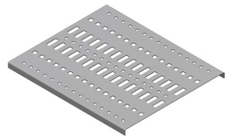


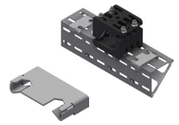
ADAPTERS			
Install cable cleat on			**Item no.**
	Cable ladder OE or TOE (rungs with CW hole pattern)		92303
	Cable ladder FOE100/FOE150		92304*
	Channel Mekano 50-2T / 100-2T		127568
	Channel UNO U-21 & UNO U-41 open side up	Single Ø15-30	69073
		Single Ø28-55	69074
		Single Ø53-80	69075
		Single Ø78-105	69076
		Single Ø103-130	69077
		Trefoil	69112
	Channel FSS 100-1		69114
	Channel FSS 100-2T		69115
	Channel MT-40 open side up	Single Ø15-30	69083
		Single Ø28-55	69084
		Single Ø53-80	69085
		Single Ø78-105	69086
		Single Ø103-130	69087
		Trefoil	69111
	Channel MT-40 closed side up		69113
	Channel MT-70, MT-90 & MT-100		123852**

**Requires drilling through the rungs first with a 11mm drill.*
*** Requires making a thread in the channel first.*

STEP 3 - ACCESSORIES & INSTALLATION TOOLS

Exit plates are recommended at both ends of the cable ladder run. Exit plates are not required when installing on support channels, instead install three channels at the start and end of the installation with 150mm distance to secure the cable cleats. For vertical runs no extra items are needed.





EXIT PLATE	
Ladder width	**Item no.**
150mm	125116
300mm	125117
450mm	125112
600mm	125113
750mm	125114
900mm	125115

Fits OE and FOE cable ladders.

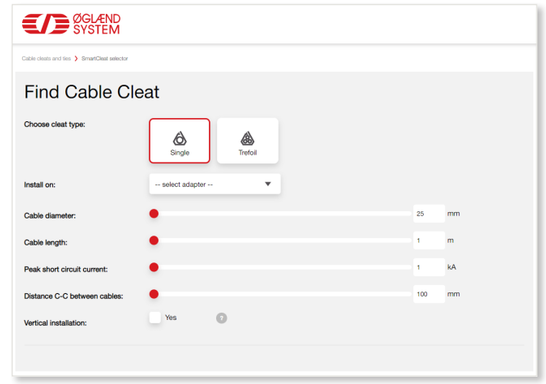
INSTALLATION JIG TOOL	
TO-SCLT-TF-80.2.0 SS	76000

Tool for holding the bolt heads during installation of the Trefoil non-metallic cable cleat.

STEP 4 - CABLE CLEAT INSTALLATION DISTANCE

Use the online calculator tool to determine the installation distance and quantity of products to order.

oglaend-system.com/cablecleat-selector



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