



FKC-B45 Click metric black IP66



Product description:

FKC-B45 Click metric black IP66 is a polyamide 6 45 degree click elbow connector with metric male thread. It provides IP66-class protection, does not contain halogens and is non-flame propagating. Available in black.

This threaded connector is used for corrugated plastic conduits. Advantages are a quick and easy push-fit assembly and removal of corrugated plastic conduits.



Ingress protection rating IP68 according to DIN EN 60529*
 temperature resistance range according to LV312-3:
 -40° C to +120° C, short-term temperature resistance up to
 +140° C
 flammability: UL 94 V2



Special features

The click locking mechanism prevents unintended corrugated plastic conduit releases.

Cat. No.:	Type	Inside Ø mm	Outside Ø mm	Content	PU	Weight PU/kg	Overall width mm	Overall height mm	Overall length mm	Thread	Thread length mm
285 25 007	7,5	7,3	17,1	4	PCS	0,022	29,2	17,1	42,9	M12x1,5	11,8
285 25 010	10	11,5	19,9	4	PCS	0,027	32,7	19,9	46,0	M16x1,5	11,5
285 25 012	12	12,0	22,9	4	PCS	0,037	32,8	22,9	48,7	M16x1,5	11,5
285 25 017	17	15,3	29,5	4	PCS	0,066	40,2	29,5	59,3	M20x1,5	13,5
285 25 023	23	20,3	36,8	4	PCS	0,098	46,6	36,8	64,1	M25x1,5	13,0
285 25 117	17	17,0	29,5	4	PCS	0,067	42,1	29,5	61,0	M25x1,5	13,5
285 25 123	23	20,3	36,8	4	PCS	0,103	50,0	36,8	67,6	M32x1,5	14,0
285 25 129	29	26,0	43,0	4	PCS	0,145	56,5	49,0	75,8	M40x1,5	14,0
285 25 136	36/37	34,0	55,8	4	PCS	0,202	69,3	55,8	84,4	M50x1,5	15,0
285 25 148	48/50	43,0	63,2	4	PCS	0,298	80,7	69,6	97,1	M63x1,5	15,0

Standardisation

EN 61386-1:2008 Conduit systems for cable management - Part 1: General requirements / Source: Official Journal of the European Union of 16 May 2014 / Applied in full

EN 61386-23:2004 Conduit systems for cable management - Part 23: Particular requirements - Flexible conduit systems / Source: Official Journal of the European Union of 16 May 2014 / Applied in full

*system tested protection class with corrugated conduit FFMVD-PA6

All dimensions without tolerances are for information only.



FKC-B45 Click metric black IP66

Material properties		Fields of application	
Zero halogen	DIN VDE V 0604-2-100	• on plaster	• machines
Low smoke	DIN EN 61034-2	under plaster	• hot asphalt
Non-flame propagating	DIN EN 61386-1	• on wood	• under screed
UV-resistant	DIN 53387	underground installation	prefabricated construction
Highspeed		in concrete	outdoor

Chemical properties	
Resistant to	fuels, mineral oils, greases, alkaline substances and most common solvents
Limitedly resistant to	bases, also diluted solutions of bases
Not resistant to	acids, halogens and oxidative compounds

Accessories		
Locknut	FGKM	288 20 ...

Risk analysis

The product has been manufactured and tested according to the harmonized standards 61386-1 and 61386-23 in the sense of harmonization legislation of the EU. All safety-relevant tests have been adhered to. This product poses no further risk.

Hotline

Since technical developments cannot be foreseen, electrical installations should provide the possibility to be expanded at any time.

Information can be obtained from our technical consultants at +49 9525 88-8123