



ULTRA™ system

The World's Best Conduit Fitting



Construction: Nylon (PA66) moulded fittings featuring Integrated Sealing Technology

Construction: Nylon (PA66) moulded fittings featuring Integrated Sealing Technology with nickel plated brass swivel threads

Colour: 2 Tone Colour - Black and Grey.



- IP66
- IP67
- IP68
- IP69

Fittings ULTRA™ system straight

FPAU	FPAU	FPAU
straight external thread One piece fast fit, external threaded fitting with integrated conduit seal. Suitable for knockouts or threaded entries.	straight UNEF swivel internal thread One piece fast fit fitting with nickel plated brass swivel UNEF internal thread for attachment to circular connectors with integrated conduit seal.	straight swivel brass external thread One piece fast fit, swivel, nickel plated brass external threaded fitting with integrated conduit seal. Suitable for knockouts or threaded entries.
<ul style="list-style-type: none"> <li style="background-color: #92d050; padding: 2px;">IP66 <li style="background-color: #92d050; padding: 2px;">IP67 <li style="background-color: #92d050; padding: 2px;">IP68 <li style="background-color: #92d050; padding: 2px;">IP69 	<ul style="list-style-type: none"> <li style="background-color: #92d050; padding: 2px;">IP66 <li style="background-color: #92d050; padding: 2px;">IP67 <li style="background-color: #92d050; padding: 2px;">IP68 <li style="background-color: #92d050; padding: 2px;">IP69 	<ul style="list-style-type: none"> <li style="background-color: #92d050; padding: 2px;">IP66 <li style="background-color: #92d050; padding: 2px;">IP67 <li style="background-color: #92d050; padding: 2px;">IP68 <li style="background-color: #92d050; padding: 2px;">IP69

european (NW) sizes
 nominal size (mm)
 OD mm



Ext Metric
Ext NPT
Int UNEF
Thread
NPB Ext Metric
NPB Ext PG
NPB Ext NPT

European (NW) sizes	Nominal size (mm)	OD mm	Ext Metric	Ext NPT	Int UNEF	Thread	NPB Ext Metric	NPB Ext PG	NPB Ext NPT
7	10	10.0					FPAU13-BM16	FPAU13-BPG9	
7	10								
8	11	11.5							
10	13	13.0	FPAU13-M16						
10	13								
10	13								
12	16	15.8	FPAU16-M16	FPAU16-038	FPAU16-BU075	(3/4")	FPAU16-BM16	FPAU16-BPG9	FPAU16-B038*
12	16		FPAU16-M20	FPAU16-050	FPAU16-BU088	(7/8")	FPAU16-BM20	FPAU16-BPG11	FPAU16-B050*
12	16				FPAU16-BU100	(1")			
12	16				FPAU16-BU119	(1 3/16")			
14	18	18.5							
14	18								
	20	20.0							
17	21	21.2	FPAU21-M20	FPAU21-050	FPAU21-BU100	(1")	FPAU21-BM20	FPAU21-BPG13	FPAU21-B050*
17	21		FPAU21-M25		FPAU21-BU119	(1 3/16")		FPAU21-BPG16	
17	21				FPAU21-BU125	(1 1/4")			
	25	25.0							
23	28	28.5	FPAU28-M25	FPAU28-075	FPAU28-BU138	(1 3/8")	FPAU28-BM25	FPAU28-BPG21	FPAU28-B075*
23	28		FPAU28-M32						
29	34	34.5	FPAU34-M32	FPAU34-100	FPAU34-BU144	(1 7/16")	FPAU34-BM32	FPAU34-BPG29	FPAU34-B100*
29	34		FPAU34-M40						
36	42	42.5	FPAU42-M40	FPAU42-125	FPAU42-BU200	(2")	FPAU42-BM40	FPAU42-BPG36	FPAU42-B125*
36	42		FPAU42-M50	FPAU42-150	FPAU42-BU225	(2 1/4")	FPAU42-BM50		FPAU42-B150*
48	54	54.5	FPAU54-M50	FPAU54-150	FPAU54-BU200	(2")	FPAU54-BM50		FPAU54-B150*
48	54		FPAU54-M63	FPAU54-200	FPAU54-BU225	(2 1/4")	FPAU54-BM63	FPAU54-BPG48*	FPAU54-B200*
56	67	67.0							

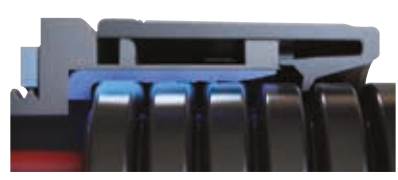
Ordering Notes

- * Indicates parts made to order on request
- NPB = Nickel Plated Brass
- Available on request:
 - other threads
 - for brass locknuts and sealing washers see accessories, page 84
 - EMC braid clamp version see page 55

Fine Pitch



Coarse Pitch









properties

- Fast fit - True one piece component
- IP rating: for conduit & fitting
IP66 + IP67 + IP68 (2 bar) + IP68 (72hrs @ 1m) + IP69
- PA66 Nylon moulded fitting
- Nylon threads supplied complete with glass reinforced nylon locknut
- Metallic threads made from Nickel Plated Brass
- Face seal details:
 - **Metric Nylon threads supplied with retained Polyester Elastomer Washer**
 - **Metric Brass threads supplied with retained Fibre Washer**

- **NPT threads supplied with a Neoprene Washer**
- **PG Brass threads supplied with Fibre Washer**
- **UNEF, Flange and Cable Glands supplied with O-ring**
- Vibration and shock tested to EN61373 Cat 2
- Tamper resistant
- Both 90° and 45° elbows incorporate swept bore to facilitate cable installation and protect cables when installed
- Can be removed using a screwdriver
- All round teeth give high pull off strength

- 75kg with FPAH21
- Suitable for fine and coarse pitch conduits
- Temperature range:
conduit fitting: -50°C to +135°C
- Low Fire Hazard (LFH) see page 8
- Halogen, sulphur and phosphorus free
- UV resistant
- Swivel threads allow assembly without twisting of cables
- EN 45545 HL3 and NFPA 130 compliant

FPAU 	FPAU 	FPAU - FPAU 																																																																																		
straight swivel brass internal thread One piece fast fit, swivel, nickel plated brass internal threaded fitting with integrated conduit seal or threaded entries.	flange One piece fast fit fitting with nylon swivel flange with integrated conduit seal and with 'O' ring face seal.	coupler One piece fast fit coupler to join corrugated conduits.																																																																																		
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Standards & Approvals



Technical Drawing

