



FPA system nylon

Construction: Nylon (PA66) molded fittings.

FPA system brass threaded

Construction: Nylon (PA66) molded fitting with nickel plated brass swivel thread.

Color: Black or Gray.

IP66



Fittings

Properties

- Fast fit - True one piece component
- IP rating: for conduit & fitting
IP66 + IP67 + IP68 (2 bar) + IP68 (72hrs @ 1m) + IP69
- PA66 Nylon molded 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**
 - **NPT supplied with retained Fiber 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 70kg with FPAH21
- Suitable for fine and coarse pitch conduits
- Temperature range: **conduit fitting: -50°C to +135°C**
- Low Fire Hazard (LFH) see page 71
- Halogen, sulphur and phosphorus free
- UV resistant
- Swivel threads allow assembly without twisting of cables
- EN 45545 HL3 and NFPA 130 compliant

FPA

straight external thread

One piece, fast fit, external threaded fitting. Suitable for knockouts or threaded entries.

IP66



European (NW) sizes	nominal size (mm)	OD mm
7	10	10.0
10	13	13.0
10	13	
12	16	15.8
12	16	
	20	20.0
17	21	21.2
	25	25.0
23	28	28.5
29	34	34.5
36	42	42.5
36	42	
48	54	54.5
48	54	
56	67	67.0

Ext Metric

Ext NPT

FPA10-M12	
FPA13-M16	
FPA16-M16*	FPA16-038
FPA16-M20*	FPA16-050
FPA21-M20*	FPA21-050
FPA28-M25*	FPA28-075
FPA34-M32*	FPA34-100
FPA42-M40*	FPA42-125
FPA42-M50*	FPA42-150
FPA54-M50*	FPA54-150
FPA54-M63*	FPA54-200
FPA67-M63*	FPA67-200

*Additional metric sizes available upon request

Ordering Notes

- Specify Black or Gray (B = Black, G = Gray) eg. FPA16-M16B *Gray is special order
- The IP rating onto a UNEF threaded connector may be dependent on the design of the connector
- * Indicates parts made to order on request and may be subject to MOQ and lead time

- **Available on request:**
 - additional sizes, alternative threads
 - additional UNEF threads and combinations



FPA90

90° elbow external thread
 One piece, fast fit, external threaded 90 degree elbow fitting. Suitable for knockouts.

IP66



90 Degree Metric 90 Degree NPT

FPA10-M12-90	
FPA13-M16-90	
FPA16-M16-90*	FPA16-050-90
FPA16-M20-90*	
FPA21-M20-90*	FPA21-050-90
FPA28-M25-90*	FPA28-075-90
FPA34-M32-90*	FPA34-100-90
FPA42-M40-90*	FPA42-125-90
FPA42-M50-90*	FPA42-150-90
FPA54-M50-90*	FPA54-150-90
FPA54-M63-90*	FPA54-200-90
FPA67-M63-90*	FPA67-200-90

FPA45

45° elbow external thread
 One piece, fast fit, external threaded 45 degree elbow fitting. Suitable for knockouts.

IP66



45 Degree NPT

FPA16-050-45
FPA21-050-45
FPA28-075-45
FPA34-100-45
FPA42-150-45
FPA54-150-45

FPA-FPA

coupler
 One piece, fast fit, coupler to join corrugated conduits. Also available in FPAX and FPAU versions..

IP66



Coupler

FPA16-FPA16
FPA20-FPA20
FPA21-FPA21
FPA25-FPA25
FPA28-FPA28
FPA34-FPA34
FPA42-FPA42
FPA54-FPA54

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

7	10	10.0
10	13	13.0
10	13	
12	16	15.8
12	16	
	20	20.0
17	21	21.2
	25	25.0
23	28	28.5
29	34	34.5
36	42	42.5
36	42	
48	54	54.5
48	54	
56	67	67.0

*Additional metric sizes available upon request

Standards & Approvals

