

# FPA fittings for FPAS, FPAL, FPR, FPAH, FPI, FPIH & FPP

nylon

## type FPA

IP66

**Construction:** Nylon (PA66) moulded fitting. UNEF internal threads are made from black anodised aluminium. Colour black or grey.

### fittings

- 1 part fast fit
- IP rating: IP66
- Anti-vibration and tamper resistant
- Can be removed using a screwdriver
- All round teeth give high tensile strength
- Both 90° and 45° elbows incorporate swept bore to facilitate cable installation and protect cables when installed
- Suitable for fine and coarse pitch conduits
- Metric threads supplied complete with locknuts
- Swivel UNEF threads allow assembly to military style electrical connectors without twisting of cables and includes sealing 'O' ring. Long pattern versions are available which may enable the elimination of the connector backshell and elbow connectors
- Low Fire Hazard (LFH), see page 35
- Halogen, sulphur and phosphorus free
- CC conduit clips, any size can be clipped together, each size can be stacked. Lids available for extra security
- FCL conduit clip has an integral lid

### type FPA

IP66

straight external thread



nominal size (mm)

metric thread  
part number  
PG thread  
part number  
NPT thread  
part number

### type FPA

IP66

straight UNEF swivel internal thread



UNEF thread  
part number

### type FPA90

IP66

90° elbow external thread



metric thread  
part number  
PG thread  
part number  
NPT thread  
part number

### type FPA90

IP66

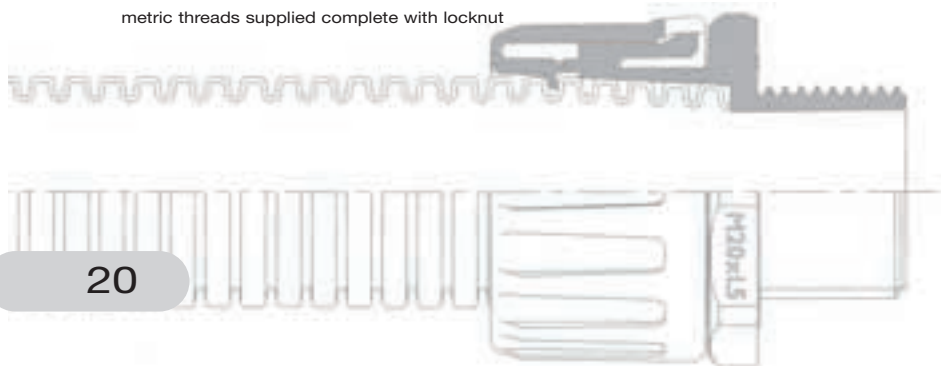
90° elbow UNEF swivel internal thread



UNEF thread  
part number

nominal size (mm)	metric thread	part number	PG thread	part number	NPT thread	part number	UNEF thread	part number	metric thread	part number	PG thread	part number	NPT thread	part number	UNEF thread	part number
10	M12	FPA10-M12	PG7	FPA10-PG7												
13	M16	FPA13-M16	PG9	FPA13-PG9					M16	FPA13-M16-90	PG9	FPA13-PG9-90				
16	M16	FPA16-M16	PG9	FPA16-PG9			3/8" UNEF	FPA16-U075	M16	FPA16-M16-90	PG9	FPA16-PG9-90			3/8" UNEF	FPA16-U075-90
16	M20	FPA16-M20	PG11	FPA16-PG11	1/2"	FPA16-050	1" UNEF	FPA16-U100	M20	FPA16-M20-90	PG11	FPA16-PG11-90	1/2"	FPA16-050-90	1" UNEF	FPA16-U100-90
16			PG13	FPA16-PG13			1 3/16" UNEF	FPA16-U119			PG13	FPA16-PG13-90			1 3/16" UNEF	FPA16-U119-90
21	M20	FPA21-M20	PG13	FPA21-PG13	1/2"	FPA21-050	1 3/16" UNEF	FPA21-U119	M20	FPA21-M20-90	PG13	FPA21-PG13-90	1/2"	FPA21-050-90	1 3/16" UNEF	FPA21-U119-90
21			PG16	FPA21-PG16			1 3/16" UNEF	FPA21-U138			PG16	FPA21-PG16-90			1 3/16" UNEF	FPA21-U138-90
21			PG21	FPA21-PG21			1 3/16" UNEF	FPA21-U144							1 3/16" UNEF	FPA21-U144-90
28	M25	FPA28-M25	PG21	FPA28-PG21	3/4"	FPA28-075	1 3/16" UNEF	FPA28-U144	M25	FPA28-M25-90	PG21	FPA28-PG21-90	3/4"	FPA28-075-90	1 3/16" UNEF	FPA28-U144-90
28			PG29	FPA28-PG29			1 3/16" UNEF	FPA28-U175							1 3/16" UNEF	FPA28-U175-90
34	M32	FPA34-M32	PG29	FPA34-PG29	1"	FPA34-100	1 3/16" UNEF	FPA34-U175	M32	FPA34-M32-90	PG29	FPA34-PG29-90	1"	FPA34-100-90	1 3/16" UNEF	FPA34-U175-90
42	M40	FPA42-M40	PG36	FPA42-PG36	1 1/4"	FPA42-125	2" UNEF	FPA42-U200			PG36	FPA42-PG36-90			2" UNEF	FPA42-U200-90
42	M50	FPA42-M50			1 1/2"	FPA42-150			M50	FPA42-M50-90			1 1/2"	FPA42-150-90		
54	M50	FPA54-M50	PG48	FPA54-PG48	1 1/2"	FPA54-150			M50	FPA54-M50-90	PG48	FPA54-PG48-90	1 1/2"	FPA54-150-90		
54	M63	FPA54-M63			2"	FPA54-200			M63	FPA54-M63-90			2"	FPA54-200-90		

metric threads supplied complete with locknut



# FPAX fittings for FPAS, FPAL, FPR, FPAH, FPI, FPIH & FPP

nylon submersible and pressure tight

## type FPAX

IP66 IP67 IP68

**Construction:** Nylon (PA66) moulded fitting incorporating internal elastomeric seal, UNEF internal threads are made from black anodised aluminium. Colour black (or grey made to order).

### ittings

- 1 part fast fit
- IP rating: IP66 + IP67 + IP68
- Lockable for added strength and security
- Anti-vibration and tamper resistant
- Can be removed using a screwdriver
- All round teeth give high tensile strength
- Both 90° and 45° elbows incorporate swept bore to facilitate cable installation and protect cables when installed
- Suitable for fine and coarse pitch conduits
- Metric threads supplied complete with locknut and face seal washer
- Swivel UNEF threads allow assembly to military style connectors without twisting of cables and includes sealing 'O' ring. Long pattern versions are available which may enable the elimination of the connector backshell and elbow connectors
- Low Fire Hazard (LFH), see page 35
- Halogen, sulphur and phosphorus free
- Nylon conduit clips, any size can be clipped together, each size can be stacked
- Conduit clip lids available for extra security

type

IP66 IP67 IP68

### FPAX

straight external thread



nominal size (mm)

metric thread  
part number  
PG thread  
part number  
NPT thread  
part number

type IP66 IP67 IP68

### FPAX

straight UNEF swivel internal thread



UNEF thread  
part number

type

IP66 IP67 IP68

### FPAX90

90° elbow external thread



metric thread  
part number  
PG thread  
part number  
NPT thread  
part number

type IP66 IP67 IP68

### FPAX90

90° elbow UNEF swivel internal thread



UNEF thread  
part number

nominal size (mm)	metric thread	part number	PG thread	part number	NPT thread	part number	UNEF thread	part number	metric thread	part number	PG thread	part number	NPT thread	part number	UNEF thread	part number
13	M16	FPAX13-M16	PG9	FPAX13-PG9*					M16	FPAX13-M16-90	PG9	FPAX13-PG9-90*				
16	M16	FPAX16-M16	PG9	FPAX16-PG9*			3/8" UNEF	FPAX16-U075	M16	FPAX16-M16-90	PG9	FPAX16-PG9-90*			3/8" UNEF	FPAX16-U075-90
16	M20	FPAX16-M20	PG11	FPAX16-PG11*	1/2" FPAX16-050*		1" UNEF	FPAX16-U100	M20	FPAX16-M20-90	PG11	FPAX16-PG11-90*	1/2" FPAX16-050-90*		1" UNEF	FPAX16-U100-90
16			PG13	FPAX16-PG13*			1 1/8" UNEF	FPAX16-U119			PG13	FPAX16-PG13-90*			1 1/8" UNEF	FPAX16-U119-90
21	M20	FPAX21-M20	PG13	FPAX21-PG13*	1/2" FPAX21-050*		1 1/8" UNEF	FPAX21-U119	M20	FPAX21-M20-90	PG13	FPAX21-PG13-90*	1/2" FPAX21-050-90*		1 1/8" UNEF	FPAX21-U119-90
21			PG16	FPAX21-PG16*			1" UNEF	FPAX21-U138			PG16	FPAX21-PG16-90*			1" UNEF	FPAX21-U138-90
21			PG21	FPAX21-PG21*			1 1/8" UNEF	FPAX21-U144							1 1/8" UNEF	FPAX21-U144-90
28	M25	FPAX28-M25	PG21	FPAX28-PG21*	3/4" FPAX28-075*		1 1/8" UNEF	FPAX28-U144	M25	FPAX28-M25-90	PG21	FPAX28-PG21-90*	3/4" FPAX28-075-90*		1 1/8" UNEF	FPAX28-U144-90
28			PG29	FPAX28-PG29*			1 1/2" UNEF	FPAX28-U175							1 1/2" UNEF	FPAX28-U175-90
34	M32	FPAX34-M32	PG29	FPAX34-PG29*	1" FPAX34-100*		1 1/2" UNEF	FPAX34-U175	M32	FPAX34-M32-90	PG29	FPAX34-PG29-90*	1" FPAX34-100-90*		1 1/2" UNEF	FPAX34-U175-90
42	M40	FPAX42-M40	PG36	FPAX42-PG36*	1 1/2" FPAX42-125*		2" UNEF	FPAX42-U200			PG36	FPAX42-PG36-90*			2" UNEF	FPAX42-U200-90
42	M50	FPAX42-M50			1 1/2" FPAX42-150*				M50	FPAX42-M50-90			1 1/2" FPAX42-150-90*			
54	M50	FPAX54-M50	PG48	FPAX54-PG48*	1 1/2" FPAX54-150*						PG48	FPAX54-PG48-90*				
54	M63	FPAX54-M63			2" FPAX54-200*				M63	FPAX54-M63-90			2" FPAX54-200-90*			

metric threads supplied complete with locknut



BS EN 50086

