

# 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.

### ittings

- 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

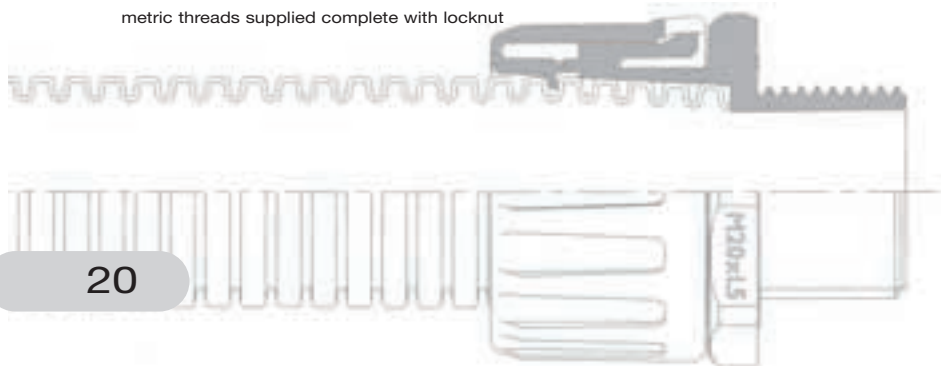
90° elbow UNEF swivel internal thread



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 FPAX

IP66 IP67 IP68

straight external thread



nominal size (mm)  
metric thread  
part number  
PG thread  
part number  
NPT thread  
part number

## type FPAX

IP66 IP67 IP68

straight UNEF swivel internal thread



UNEF thread  
part number

## type FPAX90

IP66 IP67 IP68

90° elbow external thread



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

## type FPAX90

IP66 IP67 IP68

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

