

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

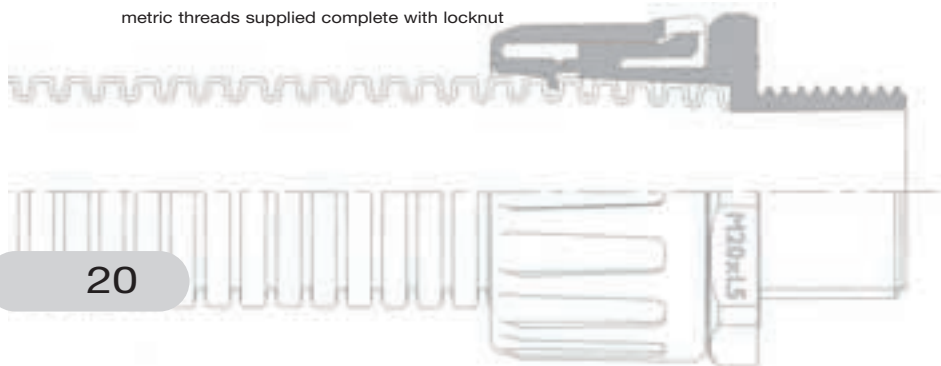
90° elbow UNEF swivel internal thread



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 | | | 3/4" UNEF | FPA16-U075 | M16 | FPA16-M16-90 | PG9 | FPA16-PG9-90 | | | 3/4" 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 1/8" UNEF | FPAX21-U138 | | | PG16 | FPAX21-PG16-90* | | | 1 1/8" 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 1/8" UNEF | FPAX28-U175 | | | | | | | 1 1/8" UNEF | FPAX28-U175-90 |
| 34 | M32 | FPAX34-M32 | PG29 | FPAX34-PG29* | 1" FPAX34-100* | | 1 1/8" UNEF | FPAX34-U175 | M32 | FPAX34-M32-90 | PG29 | FPAX34-PG29-90* | 1" FPAX34-100-90* | | 1 1/8" 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

