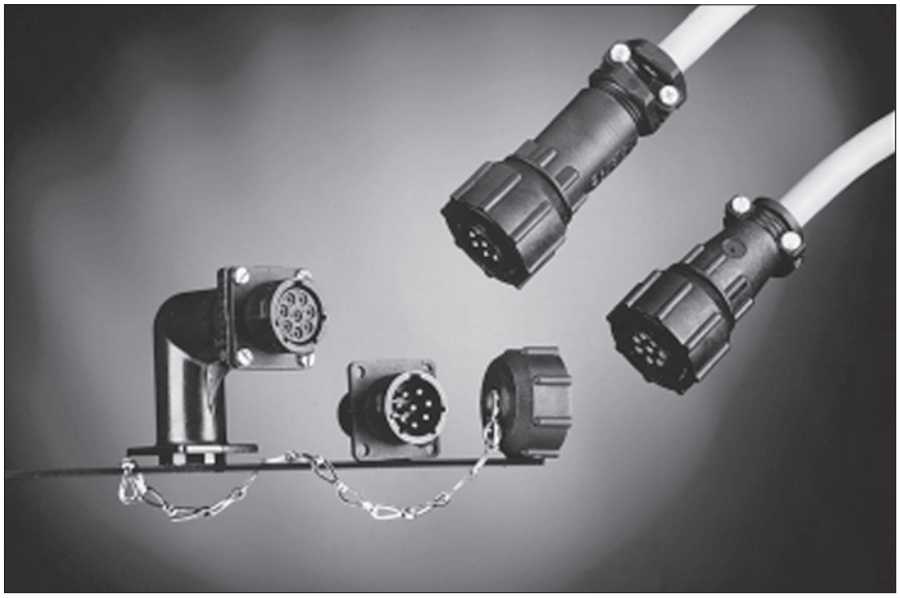
# Full plastic circular connector

## Description

"UTP" full plastic industrial circular connectors are a range of multiway connectors.
"UTP" provides the complete answer to the need for economical lightweight, robust circular connectors and is unique in offering a plastic bayonet coupling ring incorporating a metal wave spring, which locks with an audible positive "click".
It is available in 8 shell sizes, 10 insert arrangements all intermateable, interchangeable and intermountable with the TRIM TRIO "UT0" (full metal) and "UTG" (plastic with metal coupling ring) industrial connector families.



## Features and benefits

- Available in 8 shell sizes and 10 insert arrangements incl. 2 VDE versions.
- Available in plug and receptacle versions for both male and female contacts.
- Connectors and accessories are moulded from highly durable glass-filled thermoplastic.
- Flammability rating: UL94-V0.
- Plastic bayonet ring:
  - Vibration proof thermoplast
  - Metal wave spring loaded.
  - Locks with audible positive "click"
  - UL recognized File Nr.: E238675

## Performance characteristics

| | |
|---|---|
| Operating temperature: | -55°C to +125°C |
| Insulation resistance: | 5000 MΩ min. |
| Test potential: | 2000 VAC |
| Durability: | 250 matings and unmatings. |

Degree of protection per DIN 40050: IP65 in mated condition. "H" version used with water protected backshells.

## Construction

Connector, Bayonet ring and accessories
Gass filled thermoplast UL94-V0
Colour: black
Coupling spring: Spring steel

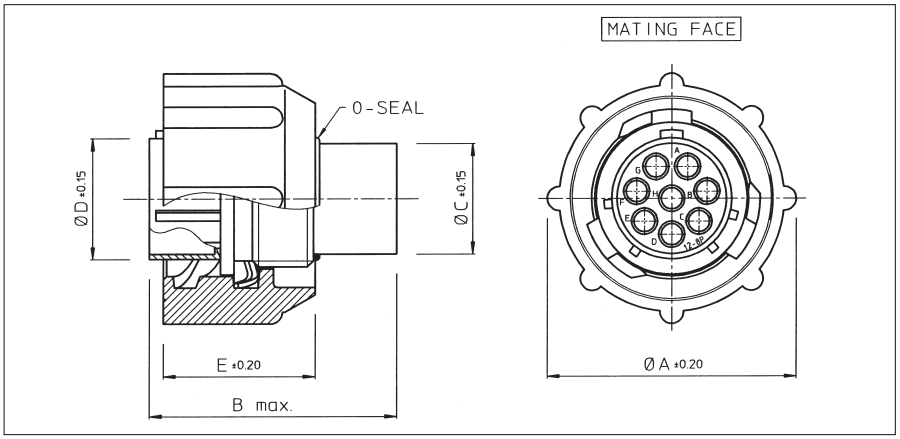
## Contact accommodation

- "UTP" connectors accept TRIM TRIO size 16 removable snap-lock contacts (see contacts section)
- Contacts to be ordered seperately.

## How to order

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Connector family :** | | **UTP** | **0** | **14** | **12** | **P** | **H** | **- -** |
| | | **UTP** | **6** | **14** | **12** | **S** | | **- -** |
| **Body variation:** | 0 : Wall mounting receptacle<br>6 : Cable plug | | | | | | | |
| **Shell size:** | | | | | | | | |
| **Insert arrangement:** | | | | | | | | |
| **Type of contacts:** | P : Pin contacts<br>S : Socket contacts | | | | | | | |
| **Application** | No letter : Standard version<br>H : Water protected version (only receptacle) | | | | | | | |
| **Design variation** | No letter : Moulded-in contact marking (standard version)<br>Others : Specials versions | | | | | | | |

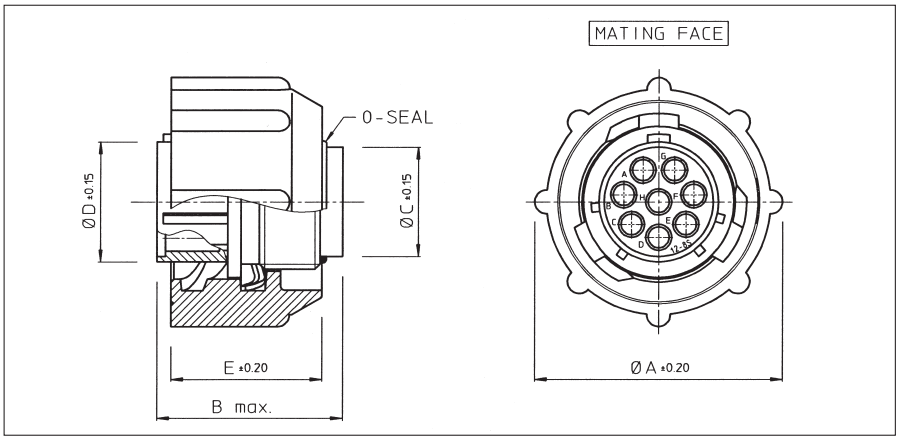
## Cable plug for pin contacts (UTP6- - - -P)




| Part number | Shell size | Ø A ±0.2 | B max. | Ø C ±0.15 | Ø D ±0.15 | Ø E ±0.2 |
|---|---|---|---|---|---|---|
| **UTP6104P / UTP6103PVDE** | **10** | 26.7 | 31.8 | 10.9 | 12.2 | 19.1 |
| **UTP6128P** | **12** | 31.4 | | 13.8 | 15.1 | |
| **UTP61412P** | **14** | 34.5 | | 17.0 | 18.3 | |
| **UTP61619P** | **16** | 37.8 | | 19.9 | 21.5 | |
| **UTP61823P / UTP6187PVDEU** | **18** | 40.8 | 31.8 / 33.0 | 22.4 | 24.0 | |
| **UTP62028P** | **20** | 43.9 | 31.8 | 25.6 | 27.2 | |
| **UTP62235P** | **22** | 47.0 | | 28.5 | 30.4 | |
| **UTP62448P** | **24** | 50.1 | | 31.7 | 33.5 | |

Part numbers are suitable for both standard and IP65 water protection versions.

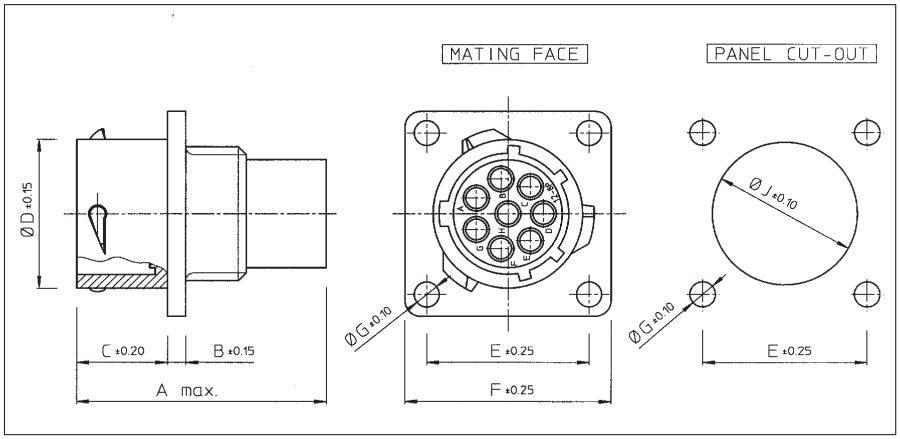
## Cable plug for socket contacts (UTP6- - - -S)




| Part number | Shell size | Ø A ±0.2 | B max. | Ø C ±0.15 | Ø D ±0.15 | Ø E ±0.2 |
|---|---|---|---|---|---|---|
| **UTP6104S / UTP6103SVDE** | **10** | 26.7 | 23.9 / 26.75 | 10.9 | 12.2 | 19.1 |
| **UTP6128S** | **12** | 31.4 | 23.9 | 13.8 | 15.1 | |
| **UTP61412S** | **14** | 34.5 | | 17.0 | 18.3 | |
| **UTP61619S** | **16** | 37.8 | | 19.9 | 21.5 | |
| **UTP61823S / UTP6187SVDEU** | **18** | 40.8 | 23.9 / 29.0 | 22.4 | 24.0 | |
| **UTP62028S** | **20** | 43.9 | 24.9 | 25.6 | 27.2 | |
| **UTP62235S** | **22** | 47.0 | | 28.5 | 30.4 | |
| **UTP62448S** | **24** | 50.1 | 26.2 | 31.7 | 33.5 | |

Part numbers are suitable for both standard and IP65 water protection versions.

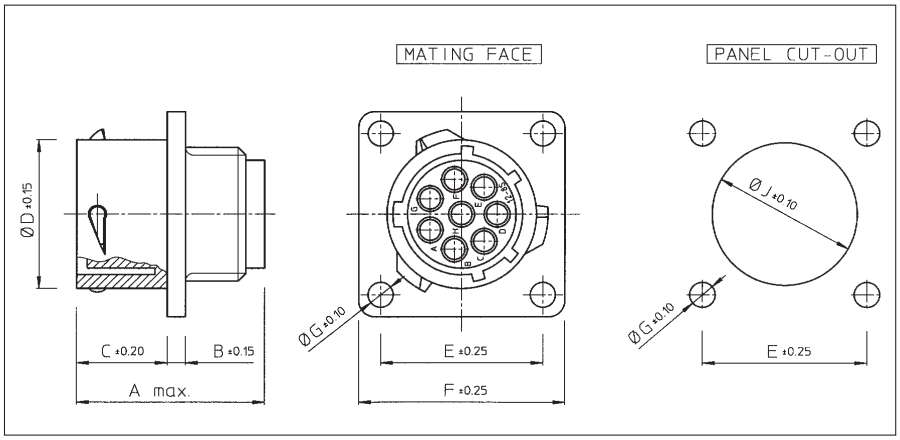
## Wall mounting receptacle for pin contacts (UTP0- - - -P)




| Part number | Shell size | A max. | B ±0.15 | C ±0.2 | Ø D ±0.15 | E ±0.25 | F •0.25 | Ø G ±0.1 | Ø J ±0.1 |
|---|---|---|---|---|---|---|---|---|---|
| UTP0104P / UTP0103PVDE | 10 | 31.7 | 2.3 | 11.3 | 15.0 | 18.3 | 23.8 | 3.2 | 15.1 |
| UTP0128P | 12 | | | | 19.0 | 20.6 | 26.2 | | 18.2 |
| UTP01412P | 14 | | | | 22.2 | 23.0 | 28.6 | | 21.4 |
| UTP01619P | 16 | | | | 25.3 | 24.6 | 31.0 | | 24.6 |
| UTP01823P / UTP0187PVDEU | 18 | 31.7/34.0 | 2.5 | 11.3/17.9 | 28.5 | 27.0 | 33.3 | | 27.8 |
| UTP02028P | 20 | 33.3 | | 14.5 | 31.7 | 29.4 | 36.5 | | 30.9 |
| UTP02235P | 22 | | 3.5 | | 34.9 | 31.8 | 39.7 | | 34.1 |
| UTP02448P | 24 | | | 15.3 | 38.0 | 34.9 | 42.9 | 3.9 | 37.3 |

For IP65 waterprotected version add “H” behind “P” e.g. UTP01412PH
A square flange sealing has to be ordered separately to guarantee a sealing with the equipment. Refer to “Circular accessories” section (UTFD--).

## Wall mounting receptacle for socket contacts (UTP0- - - -S)

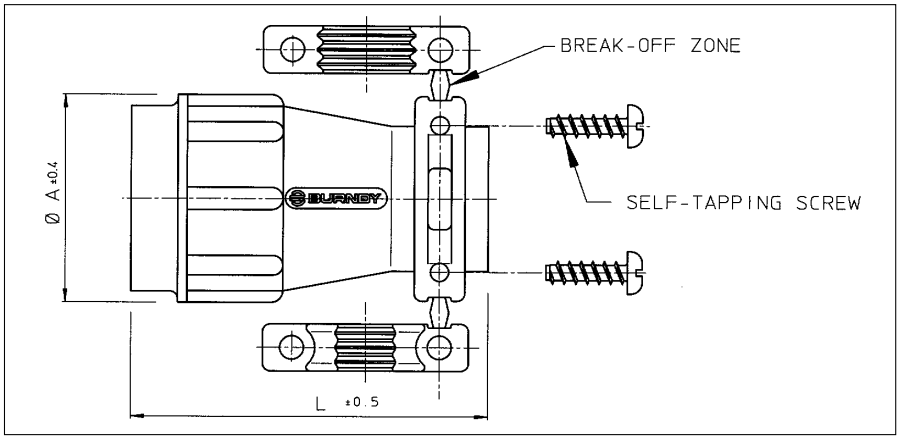



| Part number | Shell size | A max. | B ±0.15 | C ±0.2 | Ø D ±0.15 | E ±0.25 | F •0.25 | Ø G ±0.1 | Ø J ±0.1 |
|---|---|---|---|---|---|---|---|---|---|
| UTP0104S / UTP0103SVDE | 10 | 24.3/27.6 | 2.3 | 11.3 | 15.0 | 18.3 | 23.8 | 3.2 | 15.1 |
| UTP0128S | 12 | 24.3 | | | 19.0 | 20.6 | 26.2 | | 18.2 |
| UTP01412S | 14 | | | | 22.2 | 23.0 | 28.6 | | 21.4 |
| UTP01619S | 16 | | | | 25.3 | 24.6 | 31.0 | | 24.6 |
| UTP01823S / UTP0187SVDEU | 18 | 24.3/30.4 | 2.5 | 11.3/17.9 | 28.5 | 27.0 | 33.3 | | 27.8 |
| UTP02028S | 20 | 27.0 | | 14.5 | 31.7 | 29.4 | 36.5 | | 30.9 |
| UTP02235S | 22 | 28.0 | 3.5 | | 34.9 | 31.8 | 39.7 | | 34.1 |
| UTP02448S | 24 | 30.4 | | 15.3 | 38.0 | 34.9 | 42.9 | 3.9 | 37.3 |

For IP65 waterprotected version add “H” behind “S” e.g. UTP01412SH
A square flange sealing has to be ordered separately to guarantee a sealing with the equipment. Refer to “Circular accessories” section (UTFD--).

## Plastic cable clamp with strain relief (UTG--AC)

Suitable for UTP-UTG

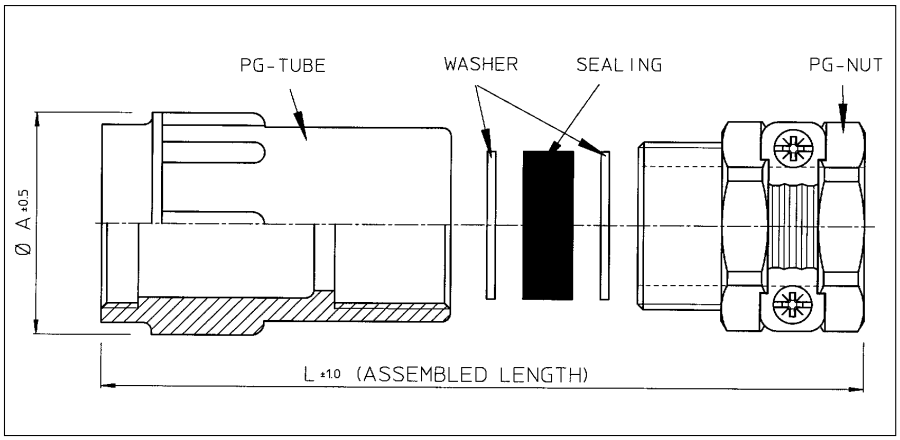



| Part number | Shell size | Cable range Ø | Ø A ± 0.4 | L ± 0.5 |
|---|---|---|---|---|
| **UTG10AC** | **10** | 3.0 - 8.7 | 21.0 | 40.0 |
| **UTG12AC** | **12** | 3.0 - 12.8 | 24.0 | 40.0 |
| **UTG14AC** | **14** | 4.0 - 13.8 | 27.0 | 46.0 |
| **UTG16AC** | **16** | 5.0 - 17.0 | 30.2 | 46.0 |
| **UTG18AC** | **18** | 5.0 - 19.0 | 33.3 | 50.0 |
| **UTG20AC** | **20** | 5.0 - 21.0 | 36.5 | 55.0 |
| **UTG22AC** | **22** | 5.0 - 23.0 | 39.7 | 60.0 |
| **UTG24AC** | **24** | 8.0 - 27.0 | 42.9 | 65.0 |

For threading specifications see last page of this section "Circular accessories"

## Plastic cable clamp with strain relief nut for waterprotected (IP65) applications (UTG--PG)

Suitable for UTP-UTG

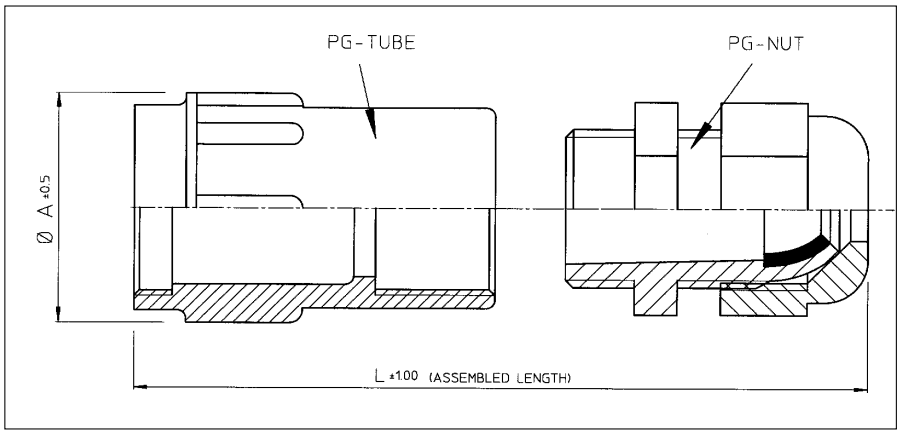



| Part number | Shell size | Sealing* outer dia x inner dia's | L ± 1 | A ± 0.5 |
|---|---|---|---|---|
| **UTG10PG** | **10** | 13.5 x 5 x 8 | 54 | 21.0 |
| **UTG12PG** | **12** | 16 x 7 x 10.5 x 13 x 16 | 57 | 24.0 |
| **UTG14PG** | **14** | 18.5 x 7 x 105 x 13 x 16 | 62 | 27.0 |
| **UTG16PG** | **16** | 20.5 x 8 x 10.5 x 13 x 16 | 68 | 30.2 |
| **UTG18PG** | **18** | 20.5 x 8 x 10.5 x 13 x 16 | 71 | 33.3 |
| **UTG20PG** | **20** | 26 x 11 x 15 x 18 x 22 | 82 | 36.5 |
| **UTG22PG** | **22** | 26 x 11 x 15 x 18 x 22 | 88 | 39.7 |
| **UTG24PG** | **24** | 35 x 19 x 23 x 27 x 31 | 103 | 42.9 |

*In order to accommodate different cable dia's, the sealing exisits of different layers which can be pulled out easily.
Cable clamp has a PG style cable gland. For threading specifications see last page of this section "Circular accessories"

## Plastic cable clamp with strain relief nut for waterprotected (IP65) applications (UTG--ST)

Suitable for UTP-UTG

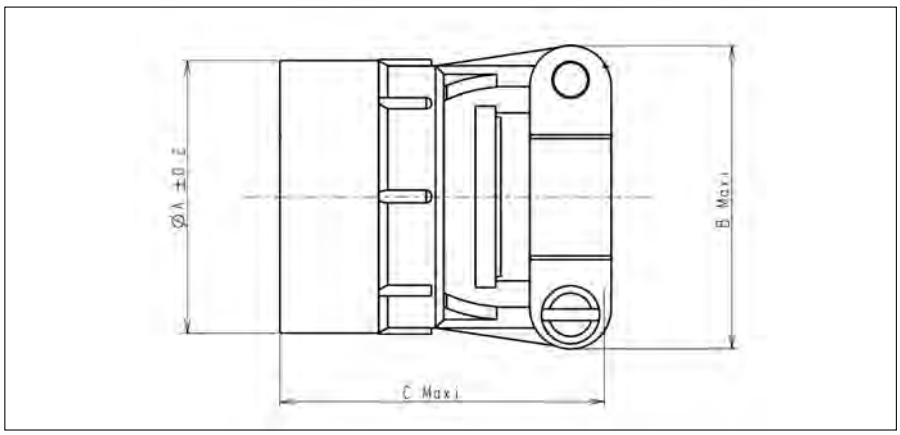



| Part number | Shell size | Cable range | Dia. A ± 0.5 | L ± 1 |
|---|---|---|---|---|
| **UTG10ST** | **10** | 2 - 6 | 21.0 | 64 |
| **UTG12ST** | **12** | 3 - 7 | 24.0 | 64 |
| **UTG14ST** | **14** | 6 - 9 | 27.0 | 69 |
| **UTG16ST** | **16** | 7 - 12 | 30.2 | 72 |
| **UTG18ST** | **18** | | 33.3 | 76 |
| **UTG20ST** | **20** | 9 - 16 | 36.5 | 80 |
| **UTG22ST** | **22** | | 39.7 | 86 |
| **UTG24ST** | **24** | 13 - 20 | 42.9 | 91 |

Cable clamp has a PG style cable gland. For threading specifications see last page of this section “Circular

## Metal cable clamp with strain relief (UT0--AC)

Suitable for UT0-UT0W

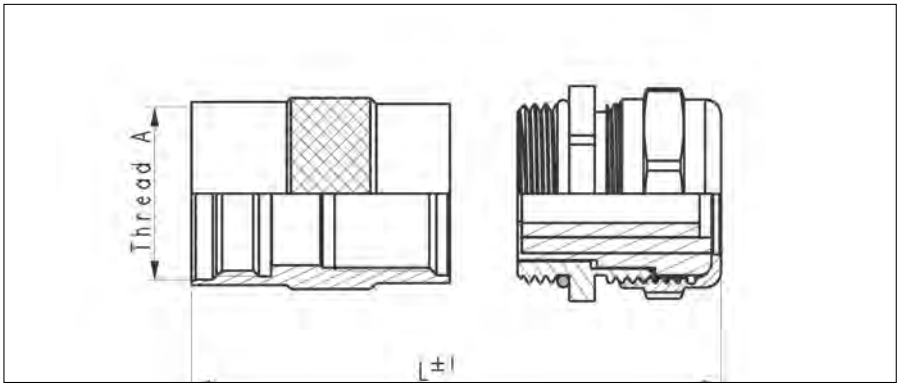



| Part number | Shell size | Max cable dia. Excl. sealing | Ø A±0.2 | B maxi | C maxi |
|---|---|---|---|---|---|
| **UT010AC** | **10** | 5.0 | 16.3 | 21.6 | 31.0 |
| **UT012AC** | **12** | 8.2 | 19.4 | 25.0 | 31.5 |
| **UT014AC** | **14** | 10.0 | 22.5 | 27.4 | 34.0 |
| **UT016AC** | **16** | 13.0 | 25.8 | 29.4 | 34.0 |
| **UT018AC** | **18** | 16.0 | 29.2 | 35.2 | 31.4 |
| **UT020AC** | **20** | 16.0 | 32.5 | 35.2 | 32.0 |
| **UT022AC** | **22** | 19.3 | 35.7 | 41.1 | 31.0 |
| **UT024AC** | **24** | 20.6 | 38.8 | 42.4 | 31.0 |

For threading specifications see last page of this section “Circular accessories”

## Short cable clamp with strain relief nut for waterprotected applications (IP68). (UT0--JCS)
## Long cable clamp with strain relief nut for waterprotected applications (IP68). (UT0--JC)

Suitable for UT0-UT0W

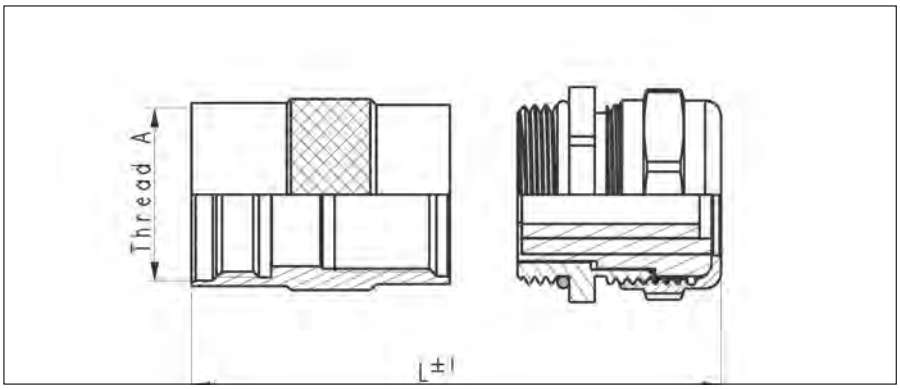



| Part number | | Shell size | Clamping range (Ø en mm) min / max | L± 1 | | Thread A |
|---|---|---|---|---|---|---|
| Short version | Long version | | | Short version | Long version | |
| UT010JCS | UT010JC | 10 | 03 / 06 | 48.5 | 60.5 | 9/16 – 24 UNEF Class 2A |
| UT012JCS | UT012JC | 12 | 06 / 10 | 49.5 | 61.5 | 11/16 – 24 UNEF Class 2A |
| UT014JCS | UT014JC | 14 | 06 / 10 | 53.5 | 67.5 | 13/16 – 20 UNEF Class 2A |
| UT016JCS | UT016JC | 16 | 9.5 / 14 | 62.5 | 73.5 | 15/16 – 20 UNEF Class 2A |
| UT018JCS | UT018JC | 18 | 9.5 / 14 | 65.5 | 76.0 | 1" 1/16 – 18 UNEF Class 2A |
| UT020JCS | UT020JC | 20 | 11.5 / 18 | 70.5 | 84.0 | 1" 3/16 – 18 UNEF Class 2A |
| UT022JCS | UT022JC | 22 | 11.5 / 18 | 76.5 | 88.0 | 1" 5/16 – 18 UNEF Class 2A |
| UT024JCS | UT024JC | 24 | 11.5 / 18 | 82.0 | 92.0 | 1" 7/16 – 18 UNEF Class 2A |

Cable clamp has a Metric style cable gland. For threading specifications see last page of this section "Circular accessories"

## Short cable clamp with large strain relief nut for waterprotected applications (IP68). (UT0--JCSL)
## Long cable clamp with large strain relief nut for waterprotected applications (IP68). (UT0--JCL)

Suitable for UT0-UT0W

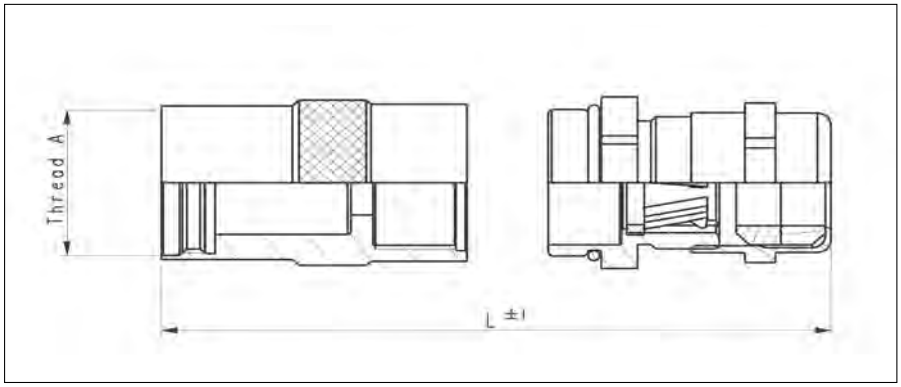



| Part number | | Shell size | Clamping range (Ø en mm) min / max | L± 1 | | Thread A |
|---|---|---|---|---|---|---|
| Short version | Long version | | | Short version | Long version | |
| UT010JCSL | UT010JCL | 10 | 05 / 08 | 49.5 | 61.5 | 9/16 – 24 UNEF Class 2A |
| UT012JCSL | UT012JCL | 12 | 08 / 12 | 49.5 | 62.5 | 11/16 – 24 UNEF Class 2A |
| UT014JCSL | UT014JCL | 14 | 08 / 12 | 54.5 | 68.5 | 13/16 – 20 UNEF Class 2A |
| UT016JCSL | UT016JCL | 16 | 11.5 / 18 | 68.5 | 79.5 | 15/16 – 20 UNEF Class 2A |
| UT018JCSL | UT018JCL | 18 | 11.5 / 18 | 71.5 | 82.0 | 1" 1/16 – 18 UNEF Class 2A |
| UT020JCSL | UT020JCL | 20 | 15 / 24 | 77.5 | 91.0 | 1" 3/16 – 18 UNEF Class 2A |
| UT022JCSL | UT022JCL | 22 | 15 / 24 | 83.5 | 95.0 | 1" 5/16 – 18 UNEF Class 2A |
| UT024JCSL | UT024JCL | 24 | 15 / 24 | 89.0 | 99.0 | 1" 7/16 – 18 UNEF Class 2A |

Cable clamp has a Metric style cable gland. For threading specifications see last page of this section "Circular accessories"

**Short shielded cable clamp with strain relief nut for waterprotected applications (IP68). (UT0S----JCS)**
**Long shielded cable clamp with strain relief nut for waterprotected applications (IP68). (UT0S----JC)**

Suitable for UT0-UT0W

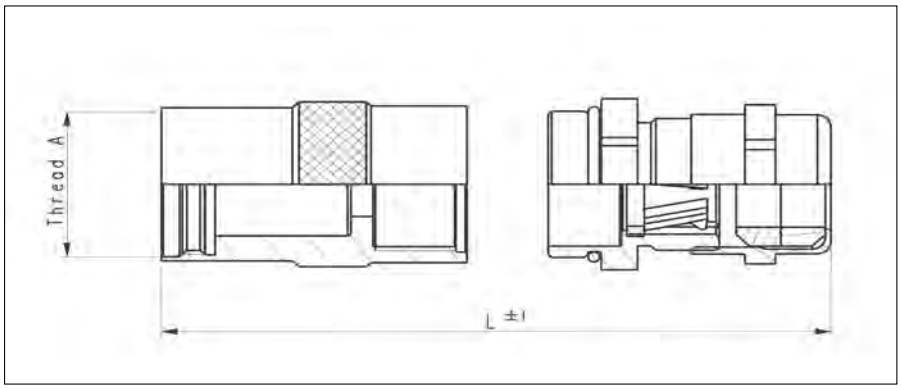



| Part number | | Shell size | Clamping range (Ø en mm) min / max | L± 1 | | Thread A |
|---|---|---|---|---|---|---|
| Short version | Long version | | | Short version | Long version | |
| UT0S10JCS | UT0S10JC | 10 | 04 / 6.5 | 58.5 | 70.5 | 9/16 – 24 UNEF Class 2A |
| UT0S12JCS | UT0S12JC | 12 | 07 / 10.5 | 61.5 | 74.5 | 11/16 – 24 UNEF Class 2A |
| UT0S14JCS | UT0S14JC | 14 | 07 / 10.5 | 66.5 | 80.5 | 13/16 – 20 UNEF Class 2A |
| UT0S16JCS | UT0S16JC | 16 | 10 / 14.5 | 72.5 | 83.5 | 15/16 – 20 UNEF Class 2A |
| UT0S18JCS | UT0S18JC | 18 | 10 / 14.5 | 75.5 | 86.0 | 1" 1/16 – 18 UNEF Class 2A |
| UT0S20JCS | UT0S20JC | 20 | 13.5 / 18 | 84.5 | 97.5 | 1" 3/16 – 18 UNEF Class 2A |
| UT0S22JCS | UT0S22JC | 22 | 13.5 / 18 | 90.0 | 101.5 | 1" 5/16 – 18 UNEF Class 2A |
| UT0S24JCS | UT0S24JC | 24 | 13.5 / 18 | 95.5 | 105.5 | 1" 7/16 – 18 UNEF Class 2A |

Cable clamp has a Metric style cable gland. For threading specifications see last page of this section "Circular accessories"

**Short shielded cable clamp with large strain relief nut for waterprotected applications (IP68). (UT0S----JCSL)**
**Long shielded cable clamp with large strain relief nut for waterprotected applications (IP68). (UT0S----JCL)**

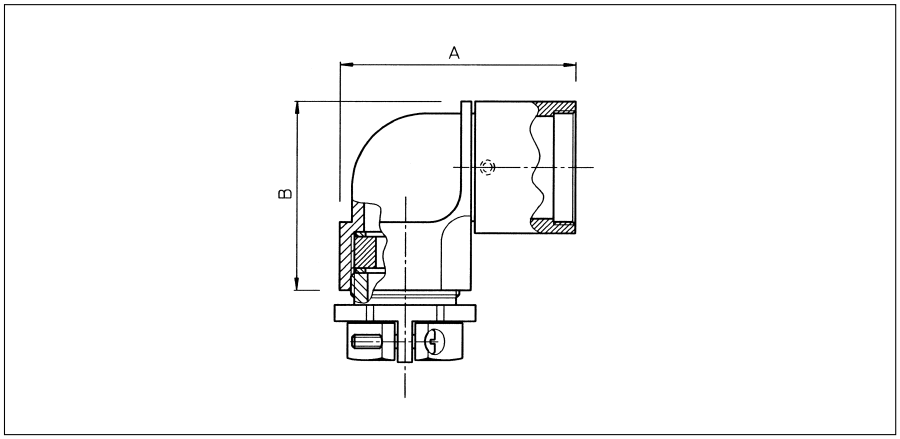
Suitable for UT0-UT0W




| Part number | | Shell size | Clamping range (Ø en mm) min / max | L± 1 | | Thread A |
|---|---|---|---|---|---|---|
| Short version | Long version | | | Short version | Long version | |
| UT0S10JCSL | UT0S10JCL | 10 | 05 / 8.5 | 59.5 | 71.5 | 9/16 – 24 UNEF Class 2A |
| UT0S12JCSL | UT0S12JCL | 12 | 08 / 12.5 | 61.5 | 74.5 | 11/16 – 24 UNEF Class 2A |
| UT0S14JCSL | UT0S14JCL | 14 | 08 / 12.5 | 66.5 | 80.5 | 13/16 – 20 UNEF Class 2A |
| UT0S16JCSL | UT0S16JCL | 16 | 13.5 / 18 | 82.5 | 93.5 | 15/16 – 20 UNEF Class 2A |
| UT0S18JCSL | UT0S18JCL | 18 | 13.5 / 18 | 85.5 | 96.0 | 1" 1/16 – 18 UNEF Class 2A |
| UT0S20JCSL | UT0S20JCL | 20 | 17 / 24 | 93.0 | 106.5 | 1" 3/16 – 18 UNEF Class 2A |
| UT0S22JCSL | UT0S22JCL | 22 | 17 / 24 | 99.0 | 110.5 | 1" 5/16 – 18 UNEF Class 2A |
| UT0S24JCSL | UT0S24JCL | 24 | 17 / 24 | 104.5 | 114.5 | 1" 7/16 – 18 UNEF Class 2A |

Cable clamp has a Metric style cable gland. For threading specifications see last page of this section "Circular accessories"

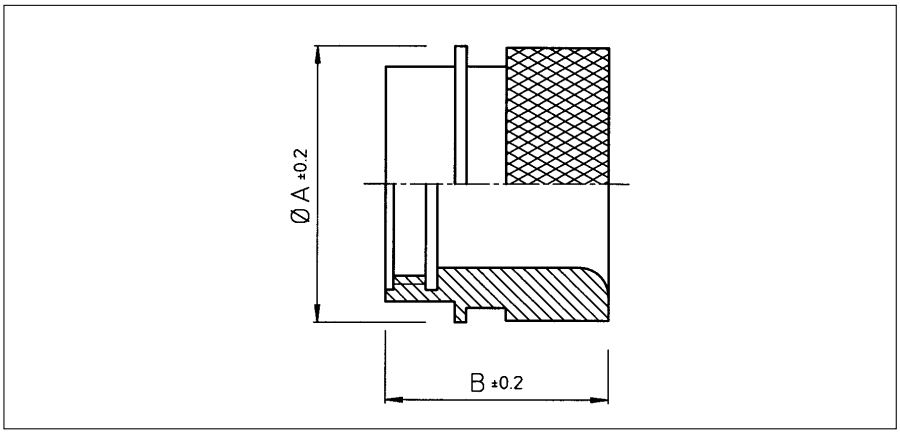
## Metal right angle cable clamp with strain relief nut (UTG--LPGN / UTO--LPGN)




| Part number For UTP / UTG | Part number For UT0 / UT0W | Shell size | A max | B max | Cable range |
|---|---|---|---|---|---|
| UTG10LPGN | UT010LPGN | 10 | 48.0 | 30.0 | 13.5 x 5 x 8 |
| UTG12LPGN | UT012LPGN | 12 | 50.0 | 33.5 | 16 x 7 x 10.5 x 13 |
| UTG14LPGN | UT014LPGN | 14 | 52.0 | 36.5 | 18.5 x 7 x 10.5 x 13 x 16 |
| UTG16LPGN | UT016LPGN | 16 | 55.0 | 39.5 | 20.5 x 8 x 10.5 x 13 x 16 |
| UTG18LPGN | UT018LPGN | 18 | 60.0 | 46.0 | 20.5 x 8 x 10.5 x 13 x 16 |
| UTG20LPGN | UT020LPGN | 20 | 58.0 | 47.0 | 26 x 11 x 15 x 18 x 22 |
| UTG22LPGN | UT022LPGN | 22 | 58.0 | 48.5 | 26 x 11 x 15 x 18 x 22 |
| UTG24LPGN | UT024LPGN | 24 | 67.0 | 54.5 | 35 x 19 x 23 x 27 x 31 |

Cable clamp has a PG style cable gland. For threading specifications see last page of this section “Circular accessories”

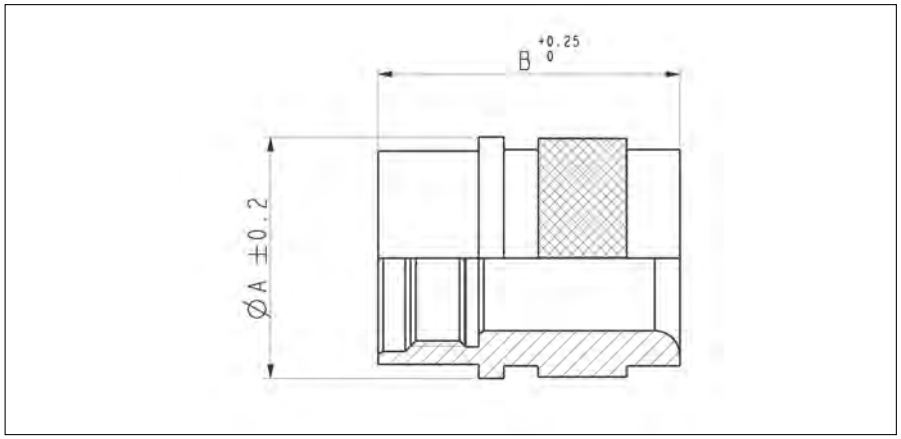
## Metal shrink boot adaptor (UTG--AD) for UTP and UTG




| Part number | Shell size | Ø A$^{\pm 0.2}$ | B |
|---|---|---|---|
| UTG10AD | 10 | 21.0 | 19.2 |
| UTG12AD | 12 | 24.0 | |
| UTG14AD | 14 | 27.0 | |
| UTG16AD | 16 | 30.0 | 21.5 |
| UTG18AD | 18 | 33.3 | |
| UTG20AD | 20 | 36.5 | 22.8 |
| UTG22AD | 22 | 39.7 | |
| UTG24AD | 24 | 42.9 | 21.9 |

Standard plating is anodised black. For tin plating add “T” at the end of the part number e.g. UTG12ADT
For threading specifications see last page of this section “Circular accessories”

## Metal shrink boot adaptor for UTO and UTOW

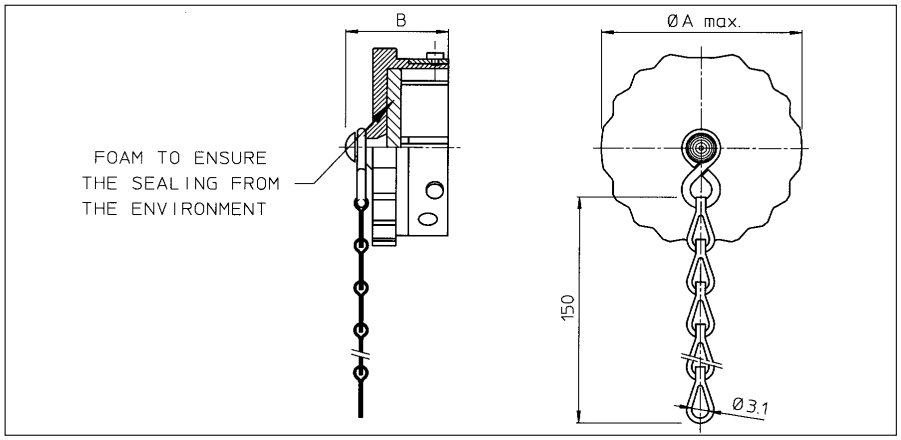



| Part number | Shell size | Ø A±0.2 | B |
|---|---|---|---|
| UT010AD | 10 | 21 | 24.7 |
| UT012AD | 12 | 24 | |
| UT014AD | 14 | 27 | |
| UT016AD | 16 | 30 | 27 |
| UT018AD | 18 | 33.3 | |
| UT020AD | 20 | 36.5 | |
| UT022AD | 22 | 39.7 | |
| UT024AD | 24 | 42.9 | |

For threading specifications see last page of this section “Circular accessories”

## Environmental dustcap for plugs (UTG6--DCG)

Suitable for UTP-UTG-UT0-UT0W

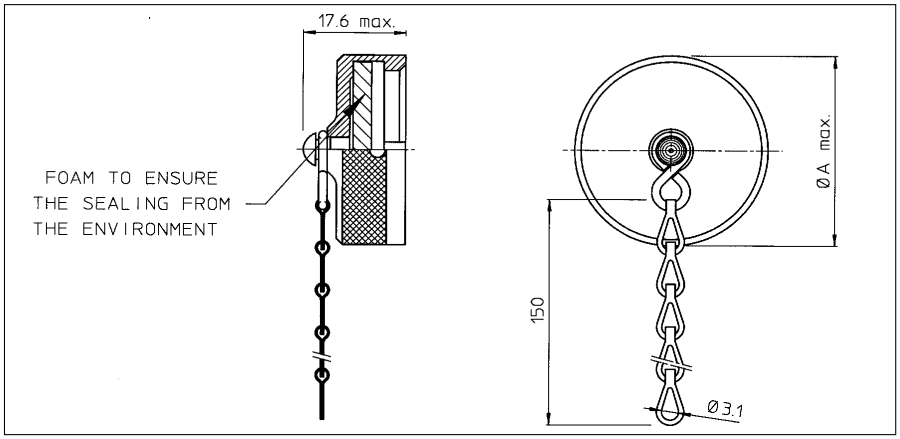



| Part number | Shell size | A max. | B |
|---|---|---|---|
| UTG610DCG | 10 | 20.0 | 20.8 |
| UTG612DCG | 12 | 24.0 | |
| UTG614DCG | 14 | 27.5 | |
| UTG616DCG | 16 | 30.5 | |
| UTG618DCG | 18 | 33.5 | |
| UTG620DCG | 20 | 36.5 | 22.5 |
| UTG622DCG | 22 | 40.0 | |
| UTG624DCG | 24 | 43.0 | |

For dustcap without chain skip “G” e.g. UTG612DC

## Metal environmental dustcap for receptacles (UT0--DCG)

Suitable for UTP-UTG-UT0-UT0W

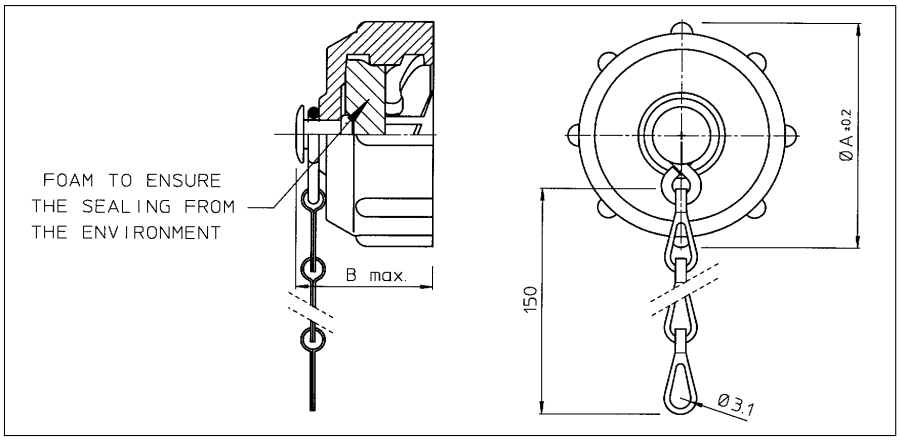



| Part number | Shell size | A max. |
|---|---|---|
| **UT010DCG** | **10** | 20.8 |
| **UT012DCG** | **12** | 24.9 |
| **UT014DCG** | **14** | 28.1 |
| **UT016DCG** | **16** | 31.3 |
| **UT018DCG** | **18** | 34.4 |
| **UT020DCG** | **20** | 37.6 |
| **UT022DCG** | **22** | 40.8 |
| **UT024DCG** | **24** | 43.9 |

For dustcap without chain skip “G” e.g. UTG12DC
For jam dustcap consult factory

## Plastic environmental dustcap for receptacles (UTP--DCG)

Suitable for UTP-UTG-UT0-UT0W

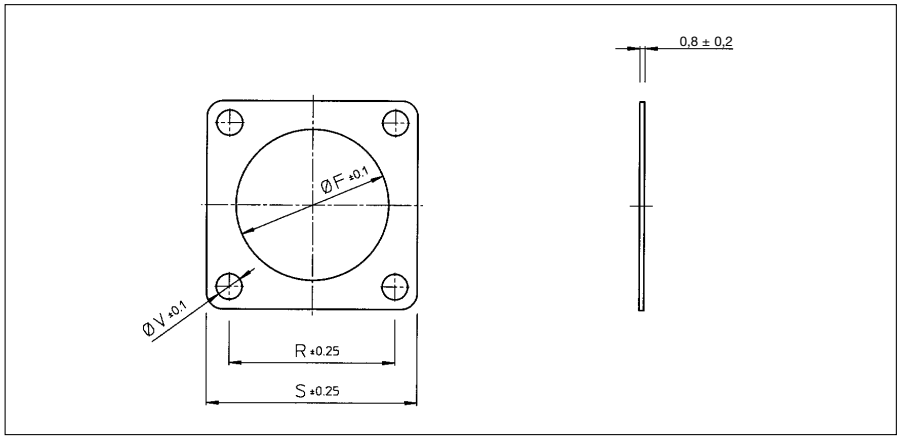



| Part number | Shell size | Ø A ±0.2 | B max. |
|---|---|---|---|
| **UTP10DCG** | **10** | 26.7 | 19.3 |
| **UTP12DCG** | **12** | 31.4 | 20.0 |
| **UTP14DCG** | **14** | 34.5 | 20.2 |
| **UTP16DCG** | **16** | 37.8 | |
| **UTP18DCG** | **18** | 40.8 | |
| **UTP20DCG** | **20** | 43.9 | 21.8 |
| **UTP22DCG** | **22** | 47.0 | |
| **UTP24DCG** | **24** | 50.1 | |

For dustcap without chain skip “G” e.g. UTP12DC
For jam dustcap consult factory

## Sealing for wall mounting receptacle (UTFD1-B)

Suitable for UTP-UTG-UT0-UT0W




| Part number | Shell size | Ø F ±0.1 | R ±0.25 | S ±0.25 | Ø V |
|---|---|---|---|---|---|
| UTFD12B | 10 | 15.9 | 18.3 | 23.8 | 3.3 |
| UTFD13B | 12 | 19.0 | 20.6 | 26.2 | |
| UTFD14B | 14 | 22.2 | 23.0 | 28.6 | |
| UTFD15B | 16 | 25.4 | 24.6 | 31.0 | |
| UTFD16B | 18 | 28.6 | 27.0 | 33.3 | |
| UTFD17B | 20 | 31.8 | 29.4 | 36.5 | |
| UTFD18B | 22 | 34.9 | 31.8 | 39.7 | |
| UTFD19B | 24 | 38.1 | 34.9 | 42.9 | 4.0 |

## Adaptors for flexible cable protection systems (conduits)

Adaptors for flexible cable protections systems that fit to the TRIM TRIO circular connectors are available from cable protection systems manufacturers (e.g. PMA).
2 solutions are offered:

- UNEF Adaptors that fit directly onto the connectors (left picture)
- METRIC Adaptors that fit onto the metal cable clamp tubes as indicated on pages 43 and 44 (right picture)

These types of adaptors offer extra protection to single wire applications (electrical, coax, Fibre optic … etc.)

Note: the adaptors are not available from Souriau. They must be ordered directly from the manufacturers

## Cable gland threadings used on cable clamps

| Shell size | Thread size on connectors | PG threading | Metric threading |
|---|---|---|---|
| 10 | 9/16 - 24 UNEF | PG9 | M16 x 1.5 |
| 12 | 11/16 - 24 UNEF | PG11 | M20 x 1.5 |
| 14 | 13/16 - 20 UNEF | PG13.5 | M20 x 1.5 |
| 16 | 15/16 - 20 UNEF | PG16 | M25 x 1.5 |
| 18 | 1-1/16 - 18 UNEF | PG16 | M25 x 1.5 |
| 20 | 1-3/16 - 18 UNEF | PG21 | M32 x 1.5 |
| 22 | 1-5/16 - 18 UNEF | PG21 | M32 x 1.5 |
| 24 | 1-7/16 - 18 UNEF | PG29 | M32 x 1.5 |

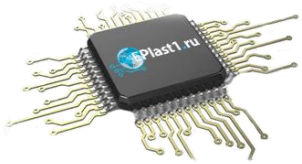
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.




**Как с нами связаться**

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