



## Typ UHF



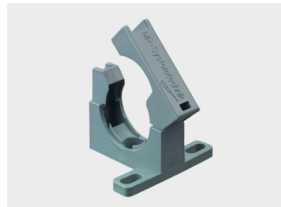
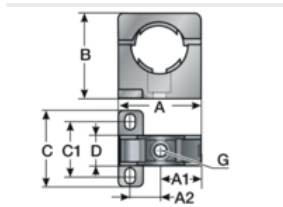
### Product information

The UHF holder is made of specially modified polyamide. The material is halogen, phosphor and cadmium-free. The holder is used as a quick and easy connection between control cabinet and door.

The UHF holder features the following advantages:

- Various fastening possibilities
- Protective conduits can still be rotated in the holder
- Pre-assembly of lower part possible
- High tensile strength thanks to double webs
- Suitable for all Murrflex corrugated conduit profiles.
- Bracket is included in delivery

### Information, conformities and approvals



Article	Order No.	Color	Suitable for Murrflex	G suitable for	A mm	B mm	C mm	D mm	A1 mm	A2 mm	C1 mm	PU pcs.
UHF 16	83621610	Gray	M20/P16(S)	M5	35	35	38	15	17.5	11.3	27	100
UHF 21 <sup>1)</sup>	83621612	Gray	M25/P21(S)	M6	42	42	38	16	21	14.7	27	100
UHF 29	83621614	Gray	M32/P29(S)	M6	51	48	60	16	25.5	19.3	44	50
UHF 36	83621616	Gray	M40/P36(S)	M6	61	55	60	19	30.5	24.5	47.5	50
UHF 48	83621618	Gray	M50/P48(S)	M6	74	68	60	19	37	30	47.5	50
UHF 16	83621611	Light gray	M20/P16(S)	M5	35	35	38	15	17.5	11.3	27	10
UHF 21	83621613	Light gray	M25/P21(S)	M6	42	42	38	16	21	14.7	27	10
UHF 29	83621615	Light gray	M32/P29(S)	M6	51	48	60	16	25.5	19.3	44	10
UHF 36	83621617	Light gray	M40/P36(S)	M6	61	55	60	19	30.5	24.5	47.5	10
UHF 48	83621619	Light gray	M50/P48(S)	M6	74	68	60	19	37	30	47.5	10

<sup>1)</sup> no UR-approval

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## Typ UHF

### Material properties



UL listed material mod. polyamide PA 6 mod. polyamide PA 6

### Thermal properties



Temperature / temperature range

-40 °C - 110 °C / short term: 140 °C

### Fire properties



Fire classification

acc. to UL94: V0 self-extinguishing



Fire properties as per EN 45545-2

C.I.T. R22 / R23 HL3 :0,58 NF X 70-100-1/-2 600°C (1112 °F)

LOI R22 / R23 HL3 :≥ 32 % ISO 4589-2

Ds (max.) R22 / R23 HL3 :57 ISO 5659-2 (25 KW/m<sup>2</sup>)



Fire properties as per NFPA

ASTM E 162

ASTM E 1354

ASTM E 662

Boeing BSS 7239

Boeing BSS 7242

Bombardier SMP 800-C

### Chemical resistances



Resistant to:

Alcohol

Greases

Fuels

Mineral oils

### Technical information



Halogen-free

### Conformity



RoHS (EC Directive 2011/65/EU)

### Approvals and operating permits



EU railway approval



## Typ UHF

### Approvals and operating permits



cURus approval

### Classification

ETIM 9: EC000368  
ECLASS 14: 27430315  
UNSPSC 26.0801: 31162814

### General information



Made in Germany

Recommended torques for  
**murrplastik connectors, corrugated  
conduits and cable fittings**



**holders, lock nuts and reducers**





Recommended torques for

## **murrplastik connectors, corrugated conduits and cable fittings, holders, lock nuts and reducers**

### **Fastening with lock nut**

<b>Metric thread EN 60423</b>	<b>Connecting thread and lock nut made of polyamide</b>	<b>Connection thread and lock nut made of metal</b>
M12x1.5	2.0 Nm	5.0 Nm
M16x1.5	3.0 Nm	7.0 Nm
M20x1.5	4.0 Nm	8.0 Nm
M25x1.5	5.0 Nm	10.0 Nm
M32x1.5	6.0 Nm	12.0 Nm
M40x1.5	11.0 Nm	16.0 Nm
M50x1.5	15.0 Nm	17.0 Nm
M63x1.5	16.0 Nm	18.0 Nm

<b>Pg thread DIN 40430</b>	<b>Connecting thread and lock nut made of polyamide</b>	<b>Connection thread and lock nut made of metal</b>
Pg 7	2.0 Nm	4.0 Nm
Pg 9	2.5 Nm	4.0 Nm
Pg 11	3.5 Nm	6.0 Nm
Pg 13.5	4.0 Nm	7.0 Nm
Pg 16	4.5 Nm	8.0 Nm
Pg 21	7.5 Nm	10.0 Nm
Pg 29	9.0 Nm	13.0 Nm
Pg 36	14.0 Nm	15.0 Nm
Pg 42	15.0 Nm	16.0 Nm
Pg 48	16.0 Nm	17.0 Nm

### **Please note the following information:**

- The specified tightening torques are maximum values and should not be exceeded.
- The values are based on measurements under normal climate conditions (23°C / 50% rel. humidity). During assembly and operation, the prevailing climatic conditions should also be taken into account, as these can affect the properties of the components.
- Please consider the properties of the other components with which the murrplastik elements are connected.
- Locking and sealing elements tightened with a lower torque provide better long-term strength.



## Recommended torques for **Screws and nuts**

### Torques for screws and nuts

Thread size	Torques
M4	2.0 Nm
M5	3.0 Nm
M6	4.0 Nm
M8	10.0 Nm
M10	15.0 Nm

### Product examples from our webshop range



**Series m-pro**

on to the product

[shop.murrplastik.de](https://shop.murrplastik.de)



**Series m-fix**

on to the product

[shop.murrplastik.de](https://shop.murrplastik.de)



**UHE Holder**

on to the product

[shop.murrplastik.de](https://shop.murrplastik.de)

More info at

[shop.murrplastik.de](https://shop.murrplastik.de)



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More info at

[murrplastik.de](https://murrplastik.de)