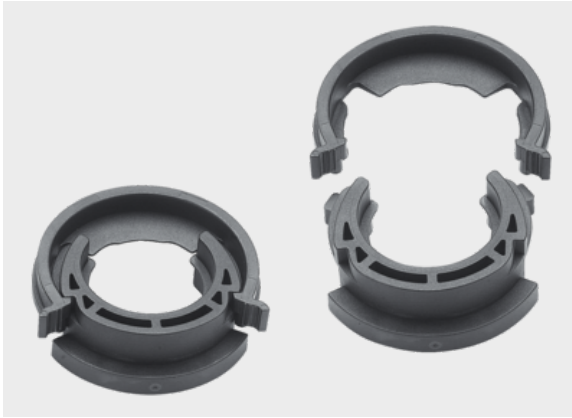




Typ AT



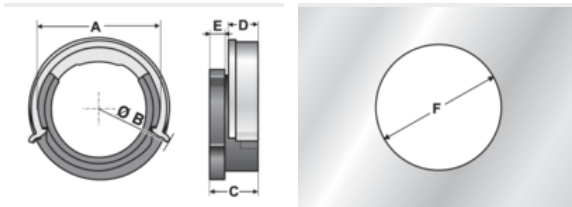
Product information

The AT connector is a holder for split and closed conduits in the EW and EWT series. It is made of specially modified polyamide 6. The material is self-extinguishing, and halogen, phosphor and cadmium-free.

The AT connectors feature the following advantages:

- Click system for quick, easy and tool-free assembly and disassembly
- Compact design
- Conduits can still be rotated
- Suitable for split and closed conduits

Information, conformities and approvals



| Article | Order No. | Color | UV | Suitable for Murrflex | A mm | B mm | C mm | D mm | E mm | F mm | PU pcs. |
|--------------------------|-----------|-------|----|-----------------------|------|------|------|------|------|------|---------|
| AT M20/P09 | 83651050 | Black | ✓ | M12/P09 | 20.2 | 35 | 16 | 9.5 | 5 | 20.5 | 50 |
| AT M25/P11 | 83651052 | Black | ✓ | M16/P11 | 25.2 | 40.5 | 16 | 9.5 | 5 | 25.5 | 50 |
| AT M32/P16 | 83651054 | Black | ✓ | M20/P16 | 32.2 | 48 | 17.2 | 10.3 | 5.4 | 32.5 | 50 |
| AT M40/P21 | 83651056 | Black | ✓ | M25/P21 | 40.2 | 58 | 17.9 | 10 | 6.4 | 40.5 | 50 |
| AT M50/P29 | 83651058 | Black | ✓ | M32/P29 | 50.2 | 68 | 17.9 | 10 | 6.4 | 50.5 | 25 |
| AT M50/P36 | 83651060 | Black | ✓ | M40/P36 | 50.2 | 68 | 21.5 | 12 | 8 | 50.5 | 10 |
| AT M63/P48 | 83651062 | Black | ✓ | M50/P48 | 63.2 | 82 | 24.8 | 15.3 | 8 | 63.5 | 10 |
| AT M20/P09 | 83651010 | Gray | ✗ | M12/P09 | 20.2 | 35 | 16 | 9.5 | 5 | 20.5 | 50 |
| AT M25/P11 ¹⁾ | 83651012 | Gray | ✗ | M16/P11 | 25.2 | 40.5 | 16 | 9.5 | 5 | 25.5 | 50 |
| AT M32/P16 | 83651014 | Gray | ✗ | M20/P16 | 32.2 | 48 | 17.2 | 10.3 | 5.4 | 32.5 | 50 |
| AT M40/P21 | 83651016 | Gray | ✗ | M25/P21 | 40.2 | 58 | 17.9 | 10 | 6.4 | 40.5 | 50 |
| AT M50/P29 | 83651018 | Gray | ✗ | M32/P29 | 50.2 | 68 | 17.9 | 10 | 6.4 | 50.5 | 25 |
| AT M50/P36 | 83651020 | Gray | ✗ | M40/P36 | 50.2 | 68 | 21.5 | 12 | 8 | 50.5 | 10 |



Typ AT

| Article | Order No. | Color | UV | Suitable for Murrflex | A mm | B mm | C mm | D mm | E mm | F mm | PU pcs. |
|------------|-----------|-------|----|-----------------------|------|------|------|------|------|------|---------|
| AT M63/P48 | 83651022 | Gray | X | M50/P48 | 63.2 | 82 | 24.8 | 15.3 | 8 | 63.5 | 10 |

1) No stock goods, delivery time and minimum order quantities upon request

1) No stock goods, delivery time and minimum order quantities upon request

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

Protection class



Protection class

IP42

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/m²)



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



Typ AT

Technical information



Halogen-free

Conformity



RoHS (EC Directive 2011/65/EU)

Approvals and operating permits



EU railway approval



cURus approval

General information



Made in Germany

Compatibility/combination possibilities of murrplastik products

| Holder / Conduit | EW | EW...S | EWX | EW-LS | EWT |
|------------------|----|--------|-----|-------|-----|
| USH | ✓ | ✓ | ✓ | ✓ | ✓ |
| UHE | ✓ | ✓ | ✓ | ✓ | ✓ |
| UH-S | ✓ | ✓ | ✓ | ✓ | ✓ |
| UH + BL | ✓ | ✓ | ✓ | ✓ | ✓ |

| Fitting / Conduit | EW | EW...S | EWX | EW-LS | EWT |
|-------------------|----|--------|-----|-------|-----|
| M-FIX | ✓ | ✓ | ✓ | ✓ | ✓ |
| M-TEC | ✓ | ✓ | ✓ | ✓ | ✓ |
| M-TOP | ✓ | ✓ | ✓ | ✓ | ✓ |
| M-PRO | ✓ | ✓ | ✓ | ✓ | ✓ |
| KFW/D | ✓ | ✓ | x | ✓ | ✓ |
| KFW/X | x | x | ✓ | x | x |
| SVT | ✓ | x | x | ✓ | ✓ |
| SVT/X | x | x | ✓ | x | x |

| Other products / Conduit | EW | EW...S | EWX | EW-LS | EWT |
|--------------------------|----|--------|-----|-------|-----|
| PR/SV | ✓ | x | x | ✓ | ✓ |
| AT | ✓ | ✓ | ✓ | ✓ | ✓ |
| SVG | ✓ | x | x | ✓ | ✓ |
| VT | ✓ | ✓ | ✓ | ✓ | ✓ |
| YTPE-F | ✓ | ✓ | ✓ | ✓ | ✓ |

| SAT-GF / Holder | USH | UHE | UH-S | UH + BL |
|-----------------|-----|-----|------|---------|
| SAT-GF | x | ✓ | ✓ | x |

| SAT-GF / Fitting | M-FIX | M-TEC | M-TOP | M-PRO |
|------------------|-------|-------|-------|-------|
| SAT-GF | ✓ | ✓ | x | ✓ |