

**T-coupler M12male /M12male+cable +M12female**

AIDA conform

T-coupler (Slim Line)

Male straight – female/male straight

M12 – M12, 2-pole

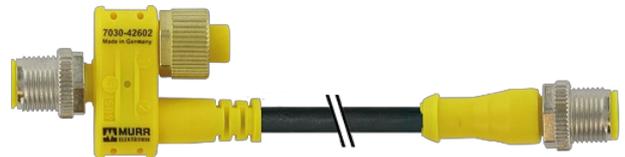
Connection cable 0.2 m

Distribution function (NO)

for Cube67 (K3)

Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.

[Link to Product](#)**Illustration**

Product may differ from Image

**More Info**

Cube67

**Form**

Form 42612

**General data**

Temperature range -25...+85 °C

**Cables**No./diameter of wires 3 × 0.34 mm<sup>2</sup>

Wire isolation PP (br, bl, bk)

C-track properties 10 Mio.

Material (jacket) PUR (UL/CSA)

Outer Ø 4.1 mm ±5%

Bend radius (moving) 10 × outer Ø

Temperature range (fixed) -40...+80 °C

Temperature range (mobile) -25...+80 °C

Cable identification 633

Cable Type 3 (PUR)

Approval (cable) cURus (AWM-Style 20549/10493); CE conform

Cable weight [g/m] 29,70

Material (wire) Cu wire, bare

Resistor (core) max. 57 Ω/km (20 °C)

Single wire Ø (core) 0.1 mm

Construction (core) 42 × 0.1 mm (multi-strand wire class 6)

Diameter (core) 3 × 0.34 mm<sup>2</sup>

AWG similar to AWG 22

Material (wire isolation) PP

Material property (wire isolation)	CFC-, halogen-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	70 ±5 D
Wire-Ø incl. isolation	1.25 mm ±5%
Color/numbering of wires	br, bk, bl
Stranding combination	3 wires twisted
Shield	no
Material (jacket)	PUR
Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant
Shore hardness (jacket)	90 ±5 A
Outer-Ø (jacket)	4.1 mm ±5%
Color (jacket)	black
chemical resistance	good resistance to oil, gasoline and chemicals (EN 60811-404)
thermal resistance	flame retardant UL 1581 VW1 / CSA FT1 / IEC 60332-1, IEC 60332-2-2
Nominal voltage	300 V AC
Test voltage	2500 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-40...+80 °C, (+90 °C at max. 10 000 operating hours)
Temperature range (mobile)	-25...+80 °C, (+90 °C at max. 10 000 operating hours)
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	10× outer Ø
No. of bending cycles (C-track)	max. 10 Mio. (25 °C)
Travel speed (C-track)	max. 3 m/s
Acceleration (C-track)	max. 10 m/s <sup>2</sup>
Torsion stress	±180°/m
No. of torsion cycles	max. 2 Mio. (25 °C)
Torsion speed	35 cycles/min
Jacket Color	black

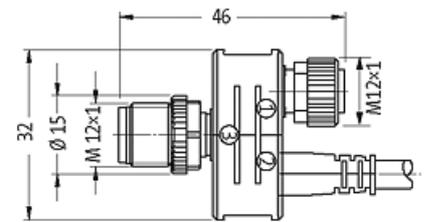
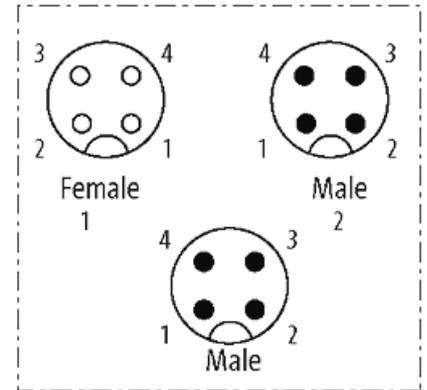
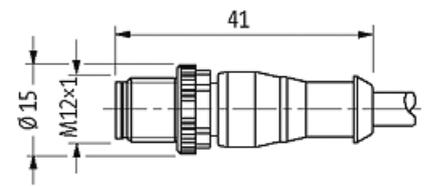
#### Technical Data

Operating voltage	max. 60 V AC/DC
Operating current per contact	max. 4 A
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Protection	IP67 inserted and tightened (EN 60529)
Locking material	Zinc die casting, matte nickel plated
Material	PUR

#### Commercial data

country of origin	DE
customs tariff number	85444290
EAN	4048879591331
eClass	27279218
Packaging unit	1

#### Sketch



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