

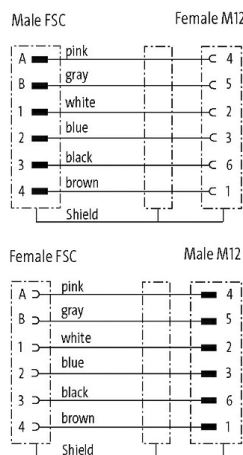
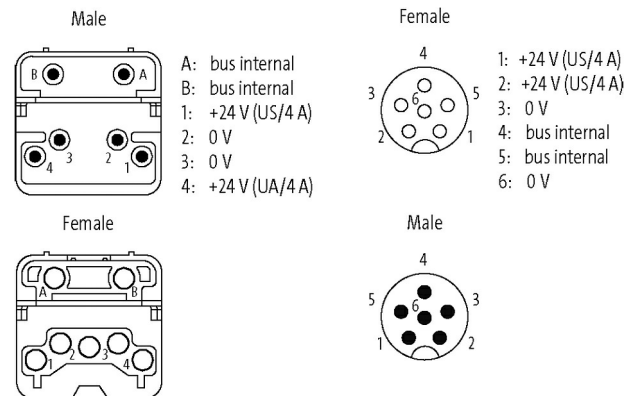
## Cube67 Accessories

fast system connectors for CUBE67

Cube67 FSC Connector Set  
with mounting socket  
Han-Brid®, 6-pole – M12, 6-pole  
Cable length (120 mm)

### Link to Product

#### Illustration



Product may differ from Image

#### Technical Data

Operating voltage	24 V DC
Operating current	max. 4 A
Mating cycles	min. 500

#### General data

Protection	IP65
Connection	(male/female) Han-Brid®, 6-pole – M12, 6-pole
Mounting method	Flange, hole spacing 30 mm, bore 3.3 mm
Dimensions H×W×D	30×410×30 mm
Temperature range	-25...+85 °C

#### Cables

No./diameter of wires	4× 0.5 + 2× 0.25 mm <sup>2</sup>
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Wire isolation	TPE (bl, wh, br, bk), (gr, pk)
C-track properties	5 Mio.
Jacket Color	green
Material (jacket)	PUR (UL/CSA)
Outer Ø	7.9 mm ±5%
Bend radius (moving)	10× outer Ø
Temperature range (fixed)	-50...+80 °C
Temperature range (mobile)	-40...+80 °C
Cable identification	802
Cable weight [g/m]	95,70
Material (wire)	Cu wire, bare
Single wire Ø (core)	0.15 mm (0.5 mm <sup>2</sup> ); 0.1 mm (0.25 mm <sup>2</sup> )
Construction (core)	28× 0.15 mm (0.5 mm <sup>2</sup> ); 32× 0.1 mm (0.25 mm <sup>2</sup> ); (multi-strand wire class 6)
Diameter (core)	4× 0.5 + 2× 0.25 mm <sup>2</sup>
AWG	similar to AWG 20 (0.5 mm <sup>2</sup> ); similar to AWG 24 (0.25 mm <sup>2</sup> )
Material (wire isolation)	TPE-E
Shore hardness (wire isolation)	55 ±5 D
Wire-Ø incl. isolation	1.5 mm ±5% (0.5 mm <sup>2</sup> ); 1.4 mm ±5% (0.25 mm <sup>2</sup> )
Color/numbering of wires	(bl, wh, br, bk) + (gr, pk)
Shield	yes
optical shield cover	min. 80%
Material (jacket)	PUR
Material property (jacket)	CFC-, halogen-, cadmium-, silicone-free, matt, low-adhesion, machine easy to process, abrasion-resistant
Shore hardness (jacket)	89 ±5 A
Outer-Ø (jacket)	7.9 mm ±5%
Color (jacket)	green
Nominal voltage	300 V AC
Test voltage	1500 V (wire/wire); 1200 V (wire/shield)
Temperature range (fixed)	-50...+80 °C
Temperature range (mobile)	-40...+80 °C
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	10× outer Ø
No. of bending cycles (C-track)	max. 5 Mio. (25 °C)
Traversing distance (C-track)	max. 10 m
Travel speed (C-track)	max. 2 m/s
Torsion stress	±180°/m
<b>Commercial data</b>	
country of origin	DE
customs tariff number	85444290
EAN	4048879540810
eClass	27143423
Packaging unit	1