MURR ELEKTRONIK
stay connected

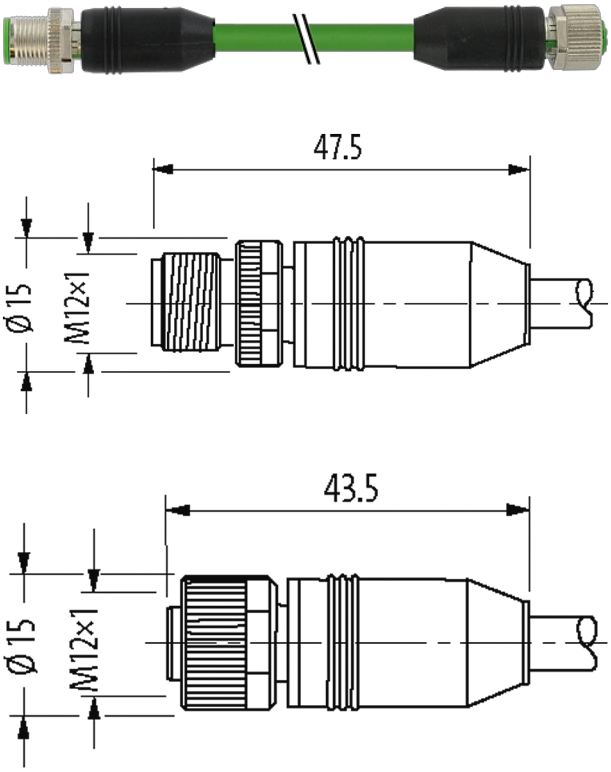
M12 male / M12 female 0° shielded Cube67

PUR 0.5+0.25 shielded gn UL/CSA+drag ch. 10m

Cube67
Male straight – female straight
M12 – M12, 6-pole
shielded
A-coded
Hybrid cable
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.
Further cable lengths on request.

Link to Product

Illustration



Product may differ from Image

Approvals

c UL us Listed *	* only for products with UL/CSA approved cable	cCSAus

More Info

Cube67

Form

Form	46041

The information in this brochure has been compiled with the utmost care.
Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 11/20

MURR ELEKTRONIK
stay connected

General data	
Mounting method	inserted, tightened
Material (contact)	Copper alloy
Material (contact surface)	Au
Material (gasket)	FKM
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality

Cables	
No./diameter of wires	4× 0.5 + 2× 0.25 mm²
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 mm²); 0.1 mm (0.25 mm²)
Construction (core)	28× 0.15 mm (0.5 mm²); 32× 0.1 mm (0.25 mm²); (multi-strand wire class 6)
Diameter (core)	4× 0.5 + 2× 0.25 mm²
AWG	similar to AWG 20 (0.5 mm²); similar to AWG 24 (0.25 mm²)
Material (wire isolation)	TPE-E
Shore hardness (wire isolation)	55 ±5 D
Wire-Ø incl. isolation	1.5 mm ±5% (0.5 mm²); 1.4 mm ±5% (0.25 mm²)
Color/numbering of wires	(bl, wh, br, bk) + (gr, pk)
Shield	yes
	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

Technical Data	
Operating voltage	max. 30 V AC/DC
Operating voltage (only UL listed)	30 V AC/DC

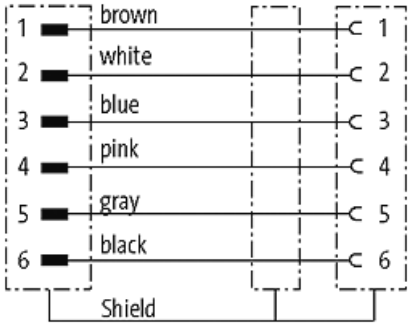
The information in this brochure has been compiled with the utmost care.
Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 11/20

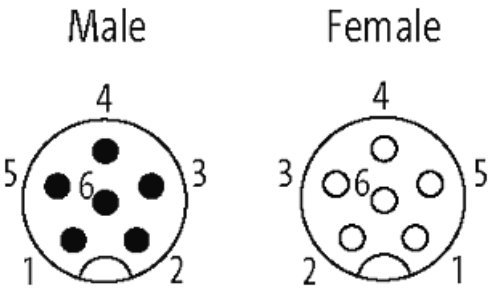
Rated surge voltage	0.8 kV
Operating current per contact	max. 4 A
No. of poles	6
Material group	IEC 60664-1, category I
Coding	A-coded
LED display	no
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Compression gland	M12 (SW13)
Protection	IP65 and IP67 when plugged and screwed down (EN 60529)
Material	PUR
Locking material	Zinc die casting, matte nickel plated

Commercial data

country of origin	DE
customs tariff number	85444290
EAN	4048879140324
eClass	27061801
Packaging unit	1

Sketch





Product may differ from Image

The information in this brochure has been compiled with the utmost care.
Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 11/20