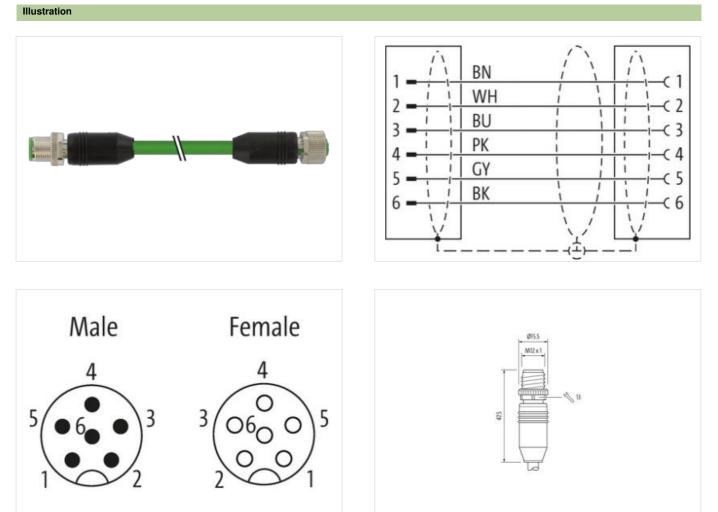


M12 male 0° / M12 female 0° A-cod. shielded

PUR 4x0.5+2x0.25 shielded gn UL/CSA+drag ch. 0.12m

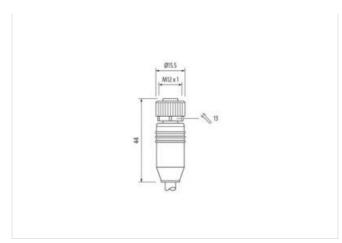
Cube67 Male straight – female straight M12 – M12, 6-pole shielded A-coded Hybrid cable Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product



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Product may differ from Image



Cable length	0,12 m	
Side 1		
Tightening torque	0,6 Nm	
Mounting method	inserted, screwed	
Coating contact	gold plated	
Family construction form	M12	
Thread	M12 x 1	
Coding	A	
Material contact	Copper alloy	
Material	PUR	
No. of poles	6	
Width across flats	SW13	
Side 2		
Tightening torque	0,6 Nm	
Mounting method	inserted, screwed	
Coating contact	gold plated	
Family construction form	M12	
Thread	M12 x 1	
Coding	Α	
Material contact	Copper alloy	
Material	PUR	
No. of poles	6	
Commercial data		
ECLASS-6.0	27061801	
ECLASS-6.1	27060307	
ECLASS-7.0	27060307	
ECLASS-8.0	27060307	
ECLASS-9.0	27060307	
ECLASS-10.1	27060307	
ECLASS-11.1	27060307	
ECLASS-12.0	27060307	
ETIM-5.0	EC001855	

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customs tariff number	85444290
GTIN	4048879140560
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	30 V
Operating voltage DC max.	30 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	no
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I
Mechanical data Material data	
Coating locking	Nickeled
Material gasket	FKM
Locking material	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Installation Cable	
STOOW style jacket	Hybrid, Signal, Data
Cable identification	802
	802
Jacket Color	
Jacket Color Type of Certificate	802 green
Jacket Color	802 green cURus
Jacket Color Type of Certificate Amount stranding	802 green cURus 1
Jacket Color Type of Certificate Amount stranding Stranding	802 green cURus 1 2 wires twisted
Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2)	802 green cURus 1 2 wires twisted 1
Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2)	802 green cURus 1 2 wires twisted 1 4 wires with Stranding combination with 3 Filler twisted
Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type)	802 green cURus 1 2 wires twisted 1 4 wires with Stranding combination with 3 Filler twisted copper braid, tinned
Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type) Cable shielding (coverage)	802 green cURus 1 2 wires twisted 1 4 wires with Stranding combination with 3 Filler twisted copper braid, tinned 80 %
Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type) Cable shielding (coverage) Banding	802 green cURus 1 2 wires twisted 1 4 wires with Stranding combination with 3 Filler twisted copper braid, tinned 80 % Fleece
Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type) Cable shielding (coverage) Banding Filler	802 green cURus 1 2 wires twisted 1 4 wires with Stranding combination with 3 Filler twisted copper braid, tinned 80 % Fleece yes
Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement	802 green cURus 1 2 wires twisted 1 4 wires with Stranding combination with 3 Filler twisted copper braid, tinned 80 % Fleece yes (gray, pink), blue, white, brown, black
Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement Traversing distance (C-track)	802 green cURus 1 2 wires twisted 1 4 wires with Stranding combination with 3 Filler twisted copper braid, tinned 80 % Fleece yes (gray, pink), blue, white, brown, black 10 m @ 25 °C
Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement Traversing distance (C-track) Cable weigth	802 green cURus 1 2 wires twisted 1 4 wires with Stranding combination with 3 Filler twisted copper braid, tinned 80 % Fleece yes (gray, pink), blue, white, brown, black 10 m @ 25 °C 77 g/m
Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement Traversing distance (C-track) Cable weigth Material jacket	802 green cURus 1 2 wires twisted 1 4 wires with Stranding combination with 3 Filler twisted copper braid, tinned 80 % Fleece yes (gray, pink), blue, white, brown, black 10 m @ 25 °C 77 g/m PUR
Jacket Color Type of Certificate Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement Traversing distance (C-track) Cable weigth Material jacket Freedom from ingredients (jacket)	802 green cURus 1 2 wires twisted 1 4 wires with Stranding combination with 3 Filler twisted copper braid, tinned 80 % Fleece yes (gray, pink), blue, white, brown, black 10 m @ 25 °C 77 g/m PUR lead-free, CFC-free, halogen-free

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Material wire insulation	PP
Amount wires	4
Outer diameter insulation	1,4 mm
Outer diameter tolerance core insulation	±5%
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	64
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,5 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Material wire insulation (Data)	PP
Outer diameter wire insulation (Data)	1,1 mm
Tolerance outer diameter wire insulation (data)	±5%
Ingredient freeness wire insulation (Data)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount wires (Data)	2
Amount strands wire (Data)	32
Diameter of single wires (Data)	0,1 mm
Conductor crosssection wire (Data)	0,25 mm ²
Material conductor wire (Data)	Stranded copper wire, bare
Wire conductor type (Data)	strand class 6
Loop resistance	2000 MΩ × km
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	6,3 A
Current load capacity min. Wire (Data)	3,2 A
Electrical resistance line constant wire	39 Ω/km @ 20 °C
Electrical resistance coating wire (Data)	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	1,5 kV @ 60 s
Electric inductivity line constant	0,65 mH/km
Electrical capacity line constant (wire - wire)	63000 pF/km
Power frequency withstand voltage (wire - jacket)	1,5 kV @ 60 s
AC withstand voltage (wire - shield)	1,2 kV @ 60 s
Min. operating temperature (static)	-50 °C
Max. operating temperature (fixed)	90 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	5 Mio. @ 25 °C
Torsion stress	± 180 °/m

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