

M12 male 0° D-cod. / RJ45 45° down shielded

PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 20m

Ethernet CAT5 Male straight - male 45° on bottom M12 - RJ45, 4-pole D-coded shielded 8-pole partly used

Further cable lengths on request.

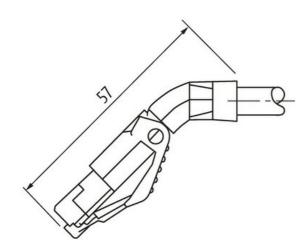
Plastic housings with good resistance against chemicals and oils.

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

Link to Product

Illustration 1 yellow (TD+) 1 white (RD+) orange (TD-) blue (RD-) Shield Male Male 47.5





Product may differ from Image













* only for products with UL/CSA approved cable

Rated surge voltage 1.0 kV	Form	
Operating voltage max. 60 V DC Operating voltage (only UL listed) max. 30 V DC Rated surge voltage 1.0 kV Operating current per contact max. 1.5 A (20 °C) Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Transfer rate up to 100 Mbit/s full duplex Material group IEC 60664-1, category I Coding M12, D-coded Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Protection IP67 (M12) - IP20 (RJ45) Material PUR Locking material Zinc die casting, matte nickel plated suitable for corrugated tube (internal Ø) without General data Standards DIN EN 61076-2-101 (M12) Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cable identification 796 Approval (cable)	Form	44731
Operating voltage (only UL listed) max. 30 V DC Rated surge voltage 1.0 kV Operating current per contact max. 1.5 A (20 °C) Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Material group IEC 60664-1, category I Coding M12, D-coded Compression gland M12 (SW13) Protection IP67 (M12) - IP20 (RJ45) Material PUR Locking material Zinc die casting, matte nickel plated suitable for corrugated tube (internal Ø) without General data Standards DIN EN 61076-2-101 (M12) Poliution Degree 3 Temperature range -25+85 °C, depending on cable quality Cable identification Approval (cable) CURUS (AWM-Style 20549/11602), CE-conform Cab	Technical Data	
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General data Standards DIN EN 61076-2-101 (M12) Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables Cable identification 796 Approval (cable) cURus (AWM-Style 20549/11602), CE-conform Cable weight [g/m] 69,3 g Material (wire) Cu wire, bare Resistor (core) max. 55 Ω/km (20 °C) Construction (core) 7× 0.254 mm	Locking material	Zinc die casting, matte nickel plated
StandardsDIN EN 61076-2-101 (M12)Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCablesCable identification796Approval (cable)cURus (AWM-Style 20549/11602), CE-conformCable weight [g/m]69,3 gMaterial (wire)Cu wire, bareResistor (core)max. 55 Ω/km (20 °C)Construction (core)7× 0.254 mm	suitable for corrugated tube (internal Ø)	without
Pollution Degree3Temperature range-25+85 °C, depending on cable qualityCablesCable identification796Approval (cable)cURus (AWM-Style 20549/11602), CE-conformCable weight [g/m]69,3 gMaterial (wire)Cu wire, bareResistor (core)max. 55 Ω/km (20 °C)Construction (core)7 × 0.254 mm	General data	
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Cables Cable identification 796 Approval (cable) cURus (AWM-Style 20549/11602), CE-conform Cable weight [g/m] 69,3 g Material (wire) Cu wire, bare Resistor (core) max. 55 Ω/km (20 °C) Construction (core) 7× 0.254 mm	Pollution Degree	3
Cable identification 796 Approval (cable) cURus (AWM-Style 20549/11602), CE-conform Cable weight [g/m] 69,3 g Material (wire) Cu wire, bare Resistor (core) max. 55 Ω/km (20 °C) Construction (core) 7× 0.254 mm	Temperature range	-25+85 °C, depending on cable quality
Approval (cable) cURus (AWM-Style 20549/11602), CE-conform Cable weight [g/m] 69,3 g Material (wire) Cu wire, bare Resistor (core) max. 55 Ω/km (20 °C) Construction (core) 7× 0.254 mm	Cables	
Cable weight [g/m] 69,3 g Material (wire) Cu wire, bare Resistor (core) max. 55 Ω/km (20 °C) Construction (core) 7× 0.254 mm	Cable identification	796
Material (wire) Cu wire, bare Resistor (core) max. 55 \(\Omega{D}\)/km (20 °C) Construction (core) 7× 0.254 mm	Approval (cable)	cURus (AWM-Style 20549/11602), CE-conform
Resistor (core) max. 55 Ω/km (20 °C) Construction (core) 7× 0.254 mm	Cable weight [g/m]	69,3 g
Construction (core) 7× 0.254 mm	Material (wire)	Cu wire, bare
	Resistor (core)	max. 55 Ω/km (20 °C)
Diameter (core) 1x 4x AWG22/7	Construction (core)	7× 0.254 mm
	Diameter (core)	1× 4× AWG22/7

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: 03/22



Material (wire isolation)	PE
Wire-Ø incl. isolation	1.4 mm ±5%
Color/numbering of wires	wh, ye, bl, or
Shield	yes
optical shield cover	min. 85%
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
Outer-Ø (jacket)	6.7 mm ±5%
Color (jacket)	green
chemical resistance	Oil resistance according to IEC 60811-2-1, ASTM IRM 901, ICEA S-82-552 Std.
thermal resistance	flame-retardant according to UL 1581 section 1090, section 1100 (FT2), IEC 60332-1-2 Std.
Nominal voltage	300 V
Test voltage	2000 V AC (test duration 1 min)
Temperature range (fixed)	-40+80 °C
Temperature range (mobile)	-30+70 °C
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	12× outer Ø
No. of bending cycles (C-track)	max. 3 Mio. (25 °C)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 2 m/s ²
Commercial data	
country of origin	DE
customs tariff number	85444290
EAN	4048879540469
eClass	27061801
Packaging unit	1.000