

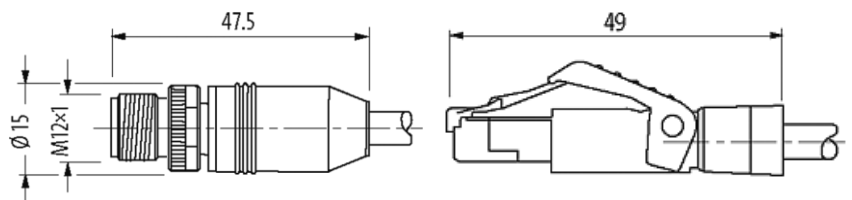


ENGLISH

M12 Connectivity

M12, 8 pole, 0°, X-coded male connector to RJ45, 0°, shielded Cat. 6A (gigabit) Ethernet cable, 2 Metres

Stock No. 174-7885

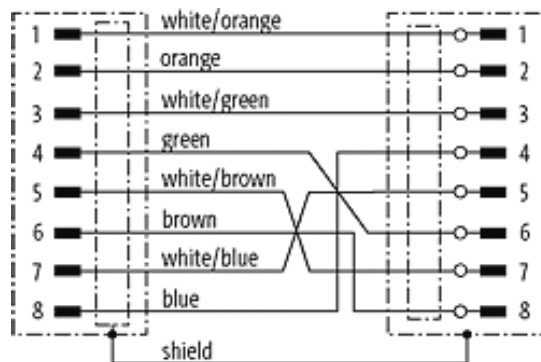


Primary Features

Ideal for Industrial Cat. 6A Ethernet applications

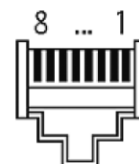
Knurled and hexagonal combination nut ensures secure connection

IP65, IP67 when inserted and tightened



Male

Male





Cable

174-7885

No./diameter of wires	4x2x0.14 mm ²
Wire isolation	PE (whbl, bl, whor, or, whgn, gn, whbr, br)
Material (jacket)	PUR (UL/CSA)
Outer Ø	6.4 mm ±5%
Bend radius (moving)	12 x outer Ø
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-10...+50 °C
Cable identification	790
Approval (cable)	UL (AWM-Style 20236/1940), CSA; CE
Cable weight [g/m]	52,80
Material (wire)	Cu wire, bare
Resistor (core)	max. 143 Ohm/km (20 °C)
Single wire Ø (core)	0.16 mm
Diameter (core)	4x2x0.14 mm ²
Material (wire isolation)	PE
Wire-Ø incl. isolation	1.05 mm ±5%
Color/numbering of wires	wh/or + or, wh/bl + bl, wh/br + br, wh/gn + gn
Shield	yes
	min. 65%
Material (jacket)	PUR
Outer-Ø (jacket)	6.4 mm ±5%
Color (jacket)	green
thermal resistance	flame retardant
Nominal voltage	125 V AC
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-10...+50 °C
Cable identification	790
Approval (cable)	UL (AWM-Style 20236/1940), CSA; CE
Cable weight [g/m]	52,80
Material (wire)	Cu wire, bare



Cable *continued*

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Resistor (core)	max. 143 Ohm/km (20 °C)
Single wire Ø (core)	0.16 mm
Diameter (core)	4×2×0.14 mm ²
Material (wire isolation)	PE
Wire-Ø incl. isolation	1.05 mm ±5%
Color/numbering of wires	wh/or + or, wh/bl + bl, wh/br + br, wh/gn + gn
Shield	yes
	min. 65%
Material (jacket)	PUR
Outer-Ø (jacket)	6.4 mm ±5%
Color (jacket)	green
thermal resistance	flame retardant
Nominal voltage	125 V AC
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-10...+50 °C
Bend radius (fixed)	8 × outer Ø
Bend radius (moving)	12 × outer Ø
Jacket Color	green

Technical Data

Operating voltage	max. 60 V DC
Rated surge voltage	1.0 kV
Operating current per contact	max. 0.5 A
Material group	IEC 60664-1, category I
Transfer parameters	CAT6, Class EA (ISO/IEC 11801:2002), (EN 50173-1)
Transfer rate	10 Gbit/s
Coding	X-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)



Technical Data *continued*

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Locking material	Zinc die casting, matte nickel plated (M12)
Material	PUR
Standards	DIN EN 61076-2-109 (M12)
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality