

ETHERLINE® TORSION Cat.6A M12

Preassembled Cat.6_A patchcords with M12 X-coded connectors for torsion applications

Industrial Ethernet Profinet Type C, Patchcord M12/M12, x-code, straight or angled, PUR
UL- approval
Cat.6A 4-pair

Other sizes upon request
2170481



Lapp



Connecting cable assembled on one or on both sides saves installation time and reduces or eliminates the potential for on-site assembly errors.

Special core stranding allows rotations with torsion angles up to $\pm 180^\circ/\text{m}$. Cable successfully tested for 5 million torsion cycles. Ideal protection against electromagnetic interference thanks to pair screening with aluminium compound foil and copper

(23.04.2024)

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data sheet

PN 0456 / 02_03.16



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braiding as overall screening (S/FTP).
Halogen-free core insulation and sheath compound to meet special fire protection requirements.
The connector's integrated vibration protection makes it resistant to shocks and vibrations.

Cable design enables flexible, constantly flexing use under torsional stress in industrial robots and handling devices.
Also suitable for torsion applications in wind turbines.
Can be used in dry and damp environments.
PUR outer sheath withstands high mechanical loads.
PUR outer sheath is insensitive to mineral oil-based lubricants and chemically resistant in many cases

CAT.6A, ISO/IEC 11801 EN 50173
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Braided conductor, 4x2x AWG24/7
S/FTP:
PUR
: (RAL 6018)
M12 X 가

ETIM 5:

:
가:
:
:

ETIM 5.0 Class-ID: EC002599

ETIM 5.0 class : ()
: 15 x
: 8 x
IP 67
M12: X
: -30°C +70°C
:
-30°C +80°C

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Article number		AWG	(m)	(kg/km)
2172263	IE-6A-M12X-S-0,5-P-4-24-T-M12X-S	4 x 2 x AWG24	0.5	22
2172264	IE-6A-M12X-S-1-P-4-24-T-M12X-S	4 x 2 x AWG24	1	44
2172265	IE-6A-M12X-S-2-P-4-24-T-M12X-S	4 x 2 x AWG24	2	88
2172266	IE-6A-M12X-S-3-P-4-24-T-M12X-S	4 x 2 x AWG24	3	132
2172267	IE-6A-M12X-S-5-P-4-24-T-M12X-S	4 x 2 x AWG24	5	220
2172307	IE-6A-M12X-S-7-P-4-24-T-M12X-S	4 x 2 x AWG24	7	308
2172268	IE-6A-M12X-S-10-P-4-24-T-M12X-S	4 x 2 x AWG24	10	440
2172308	IE-6A-M12X-S-15-P-4-24-T-M12X-S	4 x 2 x AWG24	15	660
2172269	IE-6A-M12X-S-20-P-4-24-T-M12X-S	4 x 2 x AWG24	20	880
2172270	IE-6A-M12X-S-0,5-P-4-24-T-OE	4 x 2 x AWG24	0.5	22
2172271	IE-6A-M12X-S-1-P-4-24-T-OE	4 x 2 x AWG24	1	44
2172272	IE-6A-M12X-S-2-P-4-24-T-OE	4 x 2 x AWG24	2	88
2172273	IE-6A-M12X-S-3-P-4-24-T-OE	4 x 2 x AWG24	3	132
2172274	IE-6A-M12X-S-5-P-4-24-T-OE	4 x 2 x AWG24	5	220
2172309	IE-6A-M12X-S-7-P-4-24-T-OE	4 x 2 x AWG24	7	308
2172275	IE-6A-M12X-S-10-P-4-24-T-OE	4 x 2 x AWG24	10	440
2172310	IE-6A-M12X-S-15-P-4-24-T-OE	4 x 2 x AWG24	15	660
2172276	IE-6A-M12X-S-20-P-4-24-T-OE	4 x 2 x AWG24	20	880
2172277	IE-6A-M12XF-S-0,5-P-4-24-T-M12X-S	4 x 2 x AWG24	0.5	22
2172281	IE-6A-M12XF-S-5-P-4-24-T-M12X-S	4 x 2 x AWG24	5	220
2172311	IE-6A-M12XF-S-7-P-4-24-T-M12X-S	4 x 2 x AWG24	7	308
2172282	IE-6A-M12XF-S-10-P-4-24-T-M12X-S	4 x 2 x AWG24	10	440
2172312	IE-6A-M12XF-S-15-P-4-24-T-M12X-S	4 x 2 x AWG24	15	660
2172283	IE-6A-M12XF-S-20-P-4-24-T-M12X-S	4 x 2 x AWG24	20	880
2172291	IE-6A-M12XF-S-0,5-P-4-24-T-M12XF-S	4 x 2 x AWG24	0.5	22



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2172292	IE-6A-M12XF-S-1-P-4-24-T-M12XF-	4 x 2 x AWG24	1	44
2172293	IE-6A-M12XF-S-2-P-4-24-T-M12XF-S	4 x 2 x AWG24	2	88
2172295	IE-6A-M12XF-S-5-P-4-24-T-M12XF-S	4 x 2 x AWG24	5	220
2172315	IE-6A-M12XF-S-7-P-4-24-T-M12XF-S	4 x 2 x AWG24	7	308
2172316	IE-6A-M12XF-S-15-P-4-24-T-M12XF-S	4 x 2 x AWG24	15	660
2172297	IE-6A-M12XF-S-20-P-4-24-T-M12XF-S	4 x 2 x AWG24	20	880
2172284	IE-6A-M12XF-S-0,5-P-4-24-T-OE	4 x 2 x AWG24	0.5	22
2172285	IE-6A-M12XF-S-1-P-4-24-T-OE	4 x 2 x AWG24	1	44
2172288	IE-6A-M12XF-S-5-P-4-24-T-OE	4 x 2 x AWG24	5	220
2172313	IE-6A-M12XF-S-7-P-4-24-T-OE	4 x 2 x AWG24	7	308
2172314	IE-6A-M12XF-S-15-P-4-24-T-OE	4 x 2 x AWG24	15	660
2172290	IE-6A-M12XF-S-20-P-4-24-T-OE	4 x 2 x AWG24	20	880

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