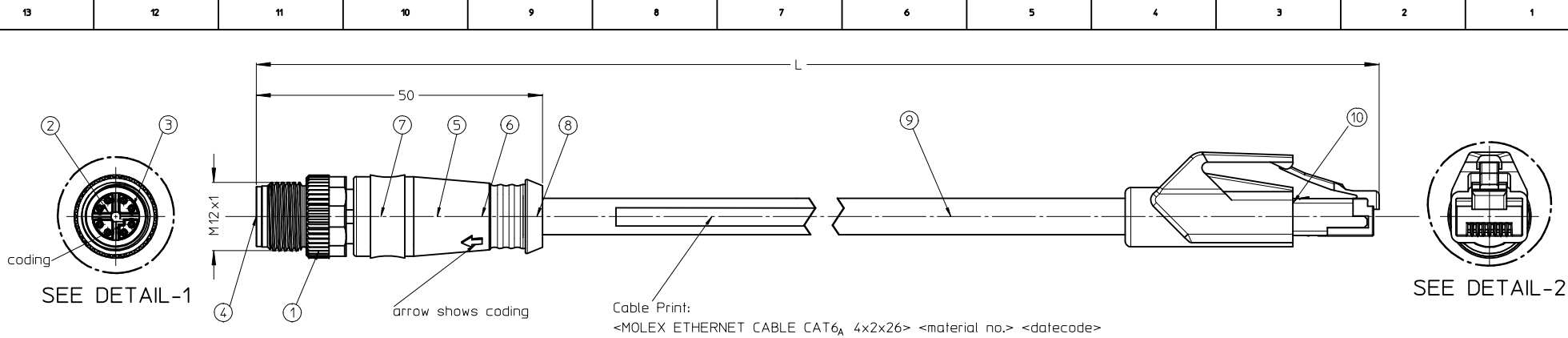




Technical Data:
M12 TO RJ45 CAT6_A Cordset AWG26
straight blue inline 360° shielded.

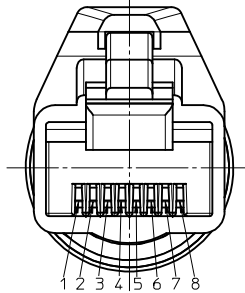
Poles: 8
Max. Voltage: 48V
Max Current: 0,5A
Contact resistance: <5m Ohm
Insulation withstand: >100M Ohm
Protection M12 / RJ45: IP67 / IP20
Temperature range: -40°C to 70°C
Transmission characteristics (category): CAT6_A

Low-Halogen-Status according to IEC 60754-1/-2

Product Specification see: PS-120341-140

Packaging:
The cordsets delivered packed into Carton.

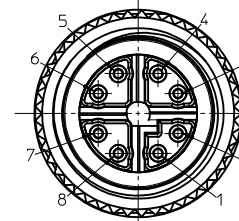
Connector pin assignment
Plug RJ45
DETAIL-2
SCALE 4:1



Wiring Scheme RJ45

- 1 white-orange
- 2 orange
- 3 white-green
- 4 blue
- 5 white-blue
- 6 green
- 7 white-brown
- 8 brown

Connector pin assignment
Plug M12
pin side view
DETAIL-1
SCALE 4:1

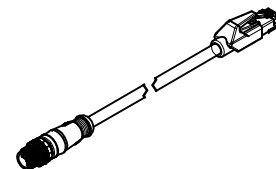
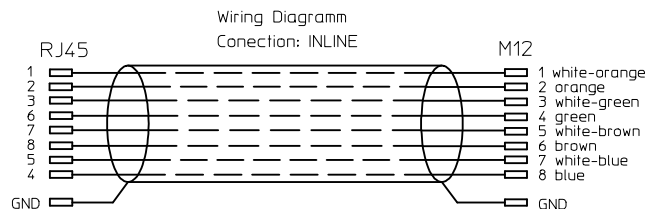


Wiring Scheme M12

- 1 white-orange
- 2 orange
- 3 white-green
- 4 green
- 5 white-brown
- 6 brown
- 7 white-blue
- 8 blue

Material Number	Length L [m]
1203410500	0,5
1203410501	1
1203410502	2
1203410503	3
1203410504	4
1203410505	5
1203410506	10
1203410507	15
1203410508	20
1203410509	30
1203410510	40
1203410511	23

POS	DESCRIPTION	MATERIAL	FINISH
01	COUPLING NUT	BRASS	NICKEL PLATED
02	INSERT	PA	BLACK
03	CONTACT	BRASS	GOLD OVER NICKEL
04	SHIELDING CROSS	ZINC DIE-CAST	NICKEL PLATED
05	SHIELDING SHELL	ZINC DIE-CAST	NICKEL PLATED
06	FERRULE	BRASS	NICKEL PLATED
07	TAPE	PA	AMBER
08	OVERMOULD	PUR	BLACK
09	CABLE	PUR	BLUE
10	PLUG RJ45	NA	BLACK



ENTER DESCRIPTION EC NO.: IPG2015-0518 DRAWN: ZISMAYILOV 2014/09/29 CHKD: RSCHIEBER 2014/09/30 APPR: CUBIGER 2014/10/01	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION ⊙ □		
			mm	INCH	DRAWN BY ZISMAYILOV	DATE 2011/11/15	TITLE CSE M12 CAT6A RJ45 8P XC MA STR PUR XM SHLD BU				
			4 PLACES ± ---	± ---	CHECKED BY RSCHIEBER	DATE 2012/06/12					
			3 PLACES ± ---	± ---	APPROVED BY AVOGT		DATE 2012/06/12				
			2 PLACES ± 0.05	± ---	MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		1 PLACE ± 0.30		± ---			molex				
		0 PLACE ± 0.50		± ---							
		ANGULAR ± 1 °									
		DRAFT WHERE APPLICABLE		SEE TABLE		SD-120341-140		1 OF 1			
		MUST REMAIN WITHIN DIMENSIONS		SIZE A2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					