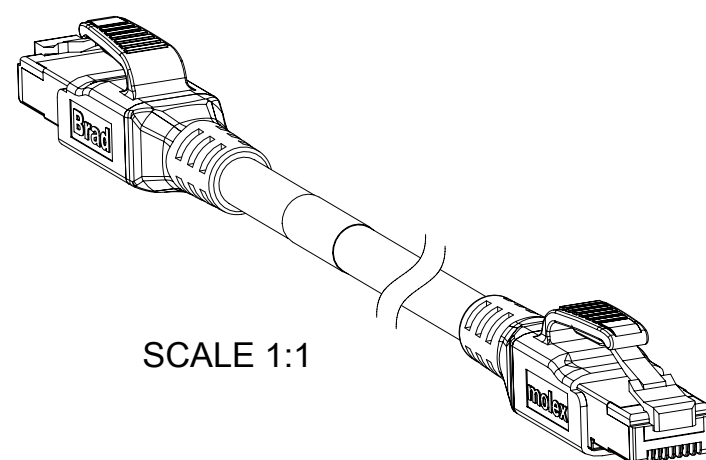
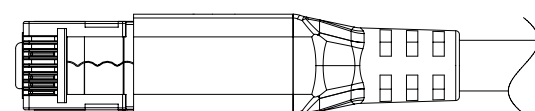
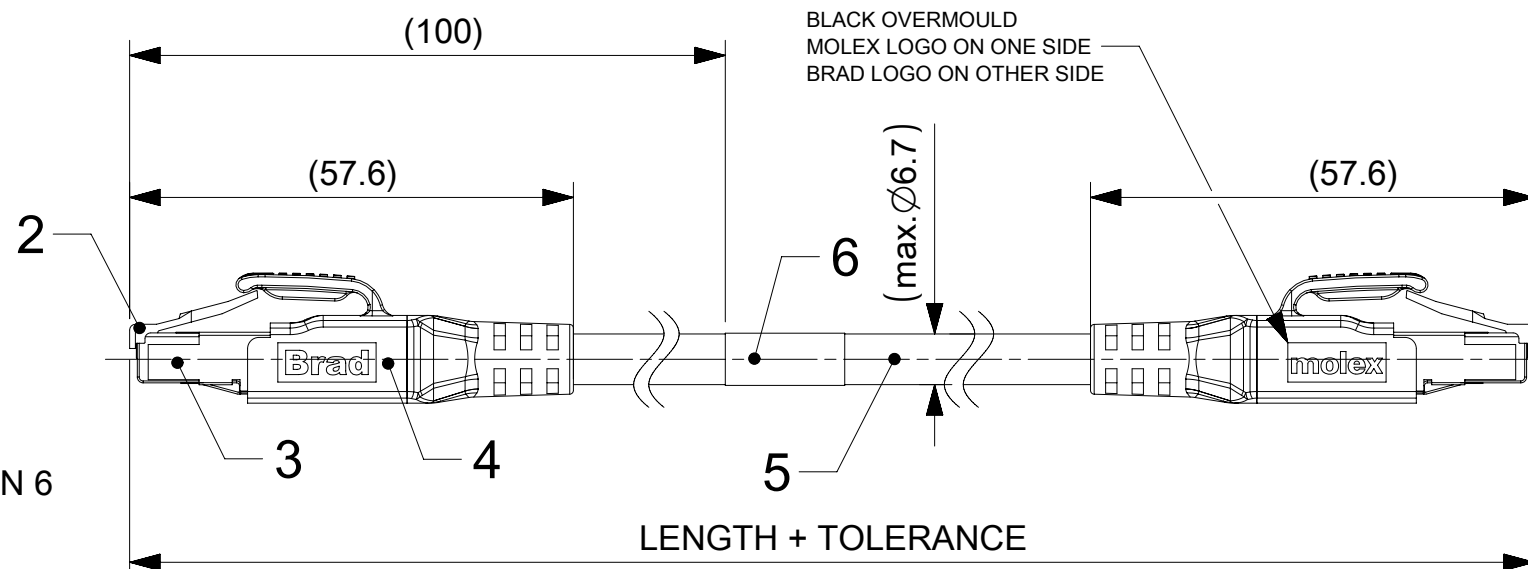


A

A line drawing of a building facade. It features a central entrance with a small porch and a large window above it. To the right of the entrance is a large, multi-story window with a grid pattern. The building has a simple, rectangular structure with a flat roof.



1. MATERIALS : SEE BOM TABLE

2. FINISHES: SEE BOM TABLE

3. ELECTRICAL DATA:

MAX. VOLTAGE RATING 60 VDC

MAX. CURRENT PER CONTACT 1.5 A

4. ENVIRONMENTAL PARAMETERS FOR CONNECTOR:

STATIC OPERATING TEMP: -40°C to +85°C

INDEX OF PROTECTION RJ45: IP20

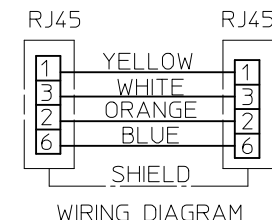
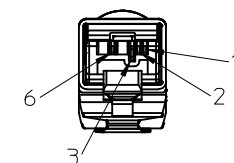
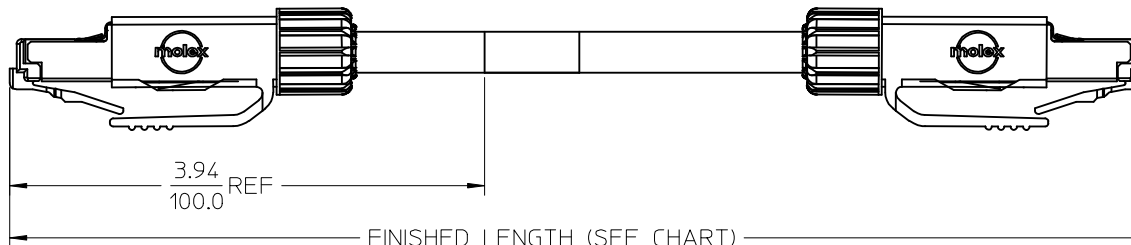
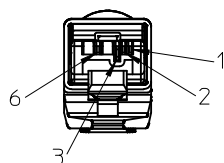
5. FOR MORE INFORMATION SEE PRODUCT SPECIFICATION 1201080202 PS P00

6. TRANSMISSION CHARACTERISTICS ACCORDING TO ISO/IEC 11801 CLASS D CHANNEL

SCALE 1:1

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
1	8 or 16	CONTACT RJ45 MALE	PHOSPHOR BRONZE	SELECTIVE GOLD
2	2	PLUG RJ45 TRANSPARENT	POLYCARBONATE	---
3	2	SHIELD	BRASS	TIN
4	-	OVERMOULDING BLACK	TPU	---
5	-	CABLE	SEE SHEET 2	---
6	1	LABEL	VINYL	---

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
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NOTES:

- 1) MATERIAL: SEE TABLE
- 2) FINISHES: SEE TABLE
- 3) CABLE: #22/4 SHIELDED PUR
- 4) ELECTRICAL DATA:
ACCORDING TO CAT5e ETHERNET STANDARD
MAX. VOLTAGE: 30V
MAX. CURRENT 1.5A
- 5) ENVIRONMENTAL:
PROTECTION IP67
TEMPERATURE RANGE: -20°C TO 60°C
- 6) WRAP LABEL IS MARKED WITH P/N, DATE CODE, VOLTAGE & AMPERAGE.
- 7) ASSEMBLY IS RoHS COMPLIANT.

ADDITIONAL CABLE PARAMETERS

PHYSICAL CHARACTERISTICS:	
CONDUCTOR PAIR SIZE	#22 (7 X #30) BARE COPPER ALLOY
WIRE CROSS SECTION	0.34mm ² (NOM)
INSULATION TYPE	POLYOLEFIN INSULATION
FOIL SHIELD	PLASTIC/ALUMINIUM FOIL WITH FOIL OUT
BRAID SHIELD	TINNED COPPER BRAID WITH MIN. 85% COVERAGE
OUTSIDE DIAMETER	Ø 6.7mm (.264")
JACKET INSULATION	GREEN PUR
PROFINET CABLE STYLE	TYPE C

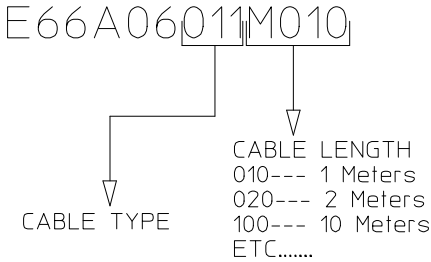
ENVIRONMENTAL CHARACTERISTICS:		MECHANICAL CHARACTERISTICS FOR C-TRACK APPLICATIONS:	
FLAME RESISTANCE	FT1 APPROVED	MIN. BENDING RADIUS	15xCABLE DIAMETER
AGENCY CERTIFICATIONS	UL AND CSA	OPERATING WAY	5M OF TRAVEL
OPERATION TEMPERATURE	-20°C TO 60°C	SPEED	200M/Min.
STORAGE TEMPERATURE	-40°C TO 80°C	MAX. C-TRACK CYCLES	5 MILLION
HALOGEN FREE	IEC 60754-1	ACCELERATION	MAX. 2m/s
SILICONE FREE	YES	WELD SLAG RESISTANCE	NO TEST RESULTS AVAILABLE
CFC-FREE	YES		

IMPRINT: X N X 2x2xAWG22/7-9H(ST)C11Y INDUSTRIAL ETHERNET
PROFINET TYP C E48408 cULus AWM STYLE 20236
AWM I/II A/B 80°C 30 V FT1

1	LABEL	PLASTIC FILM	BLACK/YELLOW
2	RJ45 PLUG	N/A	BLACK
1	ETHERNET CABLE-CAT5E	PUR JACKET	GREEN
QTY.	DESCRIPTION	MATERIAL	FINISH

ADDED PART NO. TABLE EC NO: IPG2015-2010 DRAWING: GUSTAFSON 2015/05/22 CHKD: BARDEN 2015/07/16 APPR: BWOODMAN 2015/06/09			DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 1:50	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
		mm			INCH	DRAWN BY BRUPERT	DATE 2011/11/28	TITLE ENET MMJ RJ45/RJ45					
4 PLACES		± ---			± ---	CHECKED BY							DATE
3 PLACES		± ---			± .005	APPROVED BY							DATE
2 PLACES		± 0.13			± .010	JFMURPHY		2012/04/17	MOLEX INCORPORATED				
1 PLACE		± 0.25			± .020	MATERIAL NO.		DOCUMENT NO.					
		ANGULAR ±1/2°			SEE CHART		SD-120108-044		1 OF 2				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

MATERIAL NO.	ENGINEERING NO.
1201088119	E66A06011C650
1201080207	E66A06011M005
1201080267	E66A06011M010
1201080202	E66A06011M020
1201080269	E66A06011M030
1201080270	E66A06011M040
1201080271	E66A06011M050
1201080272	E66A06011M060
1201080128	E66A06011M070
1201080129	E66A06011M090
1201080273	E66A06011M100
1201088112	E66A06011M120
1201080274	E66A06011M150
1201080275	E66A06011M200
1201080276	E66A06011M250
1201080277	E66A06011M300
1201088113	E66A06011M400
1201080278	E66A06011M500
1201088114	E66A06011M600
1201088248	E66A06011M700
1201088115	E66A06011M800
1201088197	E66A06011M900



ADDED PART NO. TABLE EC NO: IPG2015-2010 DRAWN:GUSTAFSON 2015/05/22 CHKD:BARDEN 2015/07/16 APPR:BMOODMAN 2015/06/09	QUALITY SYMBOLS ▽=0 ▽C=0	DESCRIPTION	REV	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE IN/MM		SCALE 1:50	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION		
							DRAWN BY BRUPERT		DATE 2011/11/28			TITLE ENET MMJ RJ45/RJ45	
							CHECKED BY		DATE				
							APPROVED BY JFMURPHY		DATE 2012/04/17				
							MATERIAL NO.		DOCUMENT NO. SD-120108-044				
				ANGULAR ±1/2°			SEE CHART						
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
							SIZE B						

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
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