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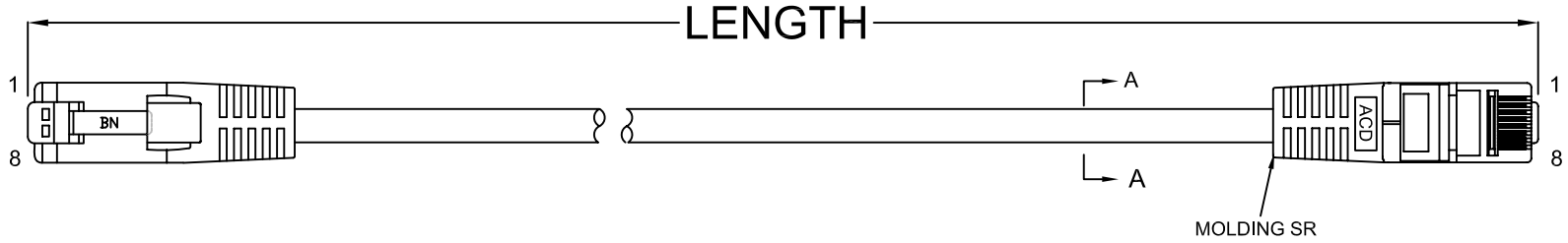
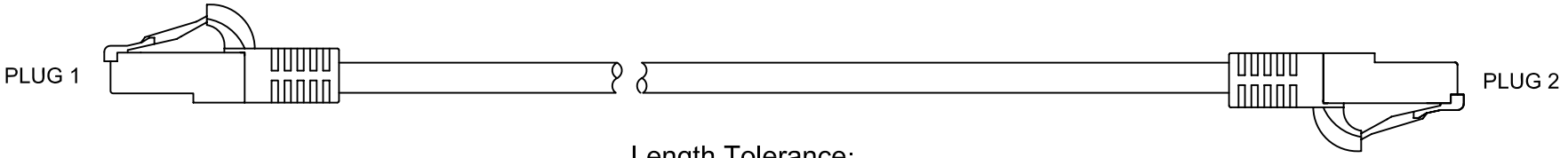
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	NEW RELEASE	3/APR/2014	



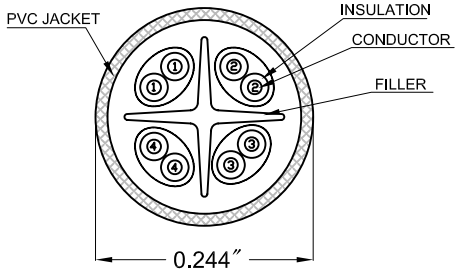


Length Tolerance:
Length<=0.5M +30/-0mm
Length>0.5M & <1M +50/-0mm
Length>=1M & <=5M +/-50mm
Length>5M & <=10M +/-100mm

CAT.6 UTP LAN CABLE:
1.Conductor(Stranded):24AWG(7X0.20mm);
2.Insulation:HD-PE;
3.Color Code:
PAIR 1:Blue & White/Blue
PAIR 2:Orange & White/Orange
PAIR 3:Green & White/Green
PAIR 4:Brown & White/Brown
4.Cable Marking:

Amphenol Cables on Demand TYPE CM 24AWG 4PR 75° C
(UL) c(UL) E314104 ETL VERIFIED TIA/EIA-568-B.2-1 UTP CAT.6

5.Rated Temperature: 75° C.
6.Rated Voltage: 300V.
7.UL cUL CM TYPE.
8.Impedance: 100± 15%Ω (1～250 MHz)
9.DC-Resistance Capacitance Unbalance: 5%
10.DC-Resistance:9.38Ω/100m AT 20℃ MAX
11.Bandwidth:250 Mhz
12.Bending Radius: 25.4mm (1") min
13.Transmission Requirements TIA/EIA-568-B.2-1 PATCH CORD



PIN OUT: T568B

PLUG 1	PLUG 2	COLOR
PIN 1	PIN 1	WHITE/ORANGE
PIN 2	PIN 2	ORANGE
PIN 3	PIN 3	WHITE/GREEN
PIN 4	PIN 4	BLUE
PIN 5	PIN 5	WHITE/BLUE
PIN 6	PIN 6	GREEN
PIN 7	PIN 7	WHITE/BROWN
PIN 8	PIN 8	BROWN

NOTES: UNLESS OTHERWISE SPECIFIED

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:
DECIMALS .X ±.X .XX ±.XX .XXX ±.XXX ANGLES ± X°
THIRD ANGLE PROJECTION

EAR NO.

APPROVALS		DATE
DRAWN	LF	3/APR/2014
CHECKED	BA	3/APR/2014
RESP ENG		
MFG ENG		

CAD FILE:

Amphenol Cables on Demand
20 VALLEY ST. ENDICOTT, NY 13760

ASM CBL RJ45/RJ45 UTP CAT.6

SIZE	DWG. NO.	REV.
A	MP-64RJ45UNNX	A0

SCALE SHEET OF

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