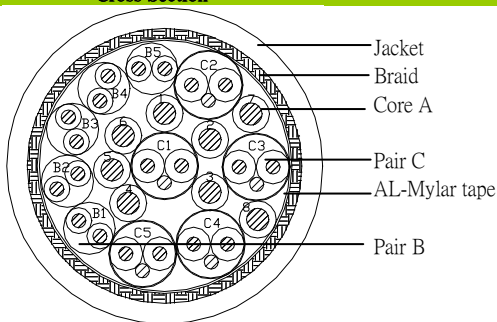


UL 21088 MULTI-CONDUCTOR COMPUTER CABLE

Cross Section



Color

Insulation:

A: 1.Black 2.Brown 3.Red 4.Orange 5.Yellow 6.Green
7.Blue 8.Purple
Pair B: B1.Black-White B2.Brown-White B3.Red-White
B4.Orange-White B5.Yellow-White
Pair C: C1.Black-White C2.Brown-White C3.Red-White
C4.Orange-White C5.Yellow-White

Jacket:

Per request

Marking

LR AWM STYLE 21088 80°C 30V PC12

Performance

Electrical Characteristics:

Max. Conductor DC Resistance at 20°C (Ω/km)	88.9(A) 223.8(B,C)
Min. insulation resistance(MΩ*km)	1000.0
Differential impedance at 20°C (Ω)	100+/-10(Pair C)
Attenuation(dB/m)	1.64(800MHz)
Delay(ns/m)Nom	4.2(Pair C)
Intra skew(ps/m,Pair C)	Within pair <=50 Between pair <=100

Description

Rated Voltage (V)	30
Rated Temperature (°C)	80
Product Standard Certification	UL

Application

Internal wiring of electronic equipment

Reference Standard

UL758, UL1581 & CSA C22.2 No.210.2 & Customer's specification

Construction

Conductor	Stranded Tinned Copper		
Item	A	B	C
28 Cores	8C	5P	5P
AWG	24	28	28
Construction (mm)	7/0.2	7/0.127	7/0.127
Stranded Dia. (mm)	0.6	0.38	0.38
Insulation	PE	PE	Foam PE
Min. Thickness (mm)	0.16	0.11	0.2
Nom. Thickness (mm)	0.2	0.16	0.26
Insulation Dia. (±0.08mm)	1	0.70	0.91
Drain wire (Construction)	-	---	7/0.127T
Pair Twist(Direction)	-	S	S
Al-Mylar tape wrap shield (Overlap)	-	>=25%	>=25%
PET tape wrap(Overlap)	-	---	>=25%
Assembly(4PXA+4PXB+3CXC)	-	S	
Al-Mylar tape wrap shield (Overlap)	-	>=25%	
Braid Shield	Tinned Copper Wire		
Construction (mm)	24/8/0.12		
Coverage	>=85%		
Jacket	Non-halogen		
Min. Thickness (mm)	0.70		
Nom. Thickness (mm)	0.9		
Dia. (±0.30mm)	9.00		

LTG-DVI-5P-#28-5P-#28-8C-#24-LSOH



Ref. spec No. : SK-21088-600 Rev.1

Revision History

Prepared by: bowen 21-Sep-11 Table No.:TFA046 Form Rev.: 4
Approved by: CICI 21-Sep-11 Page 1 of 1