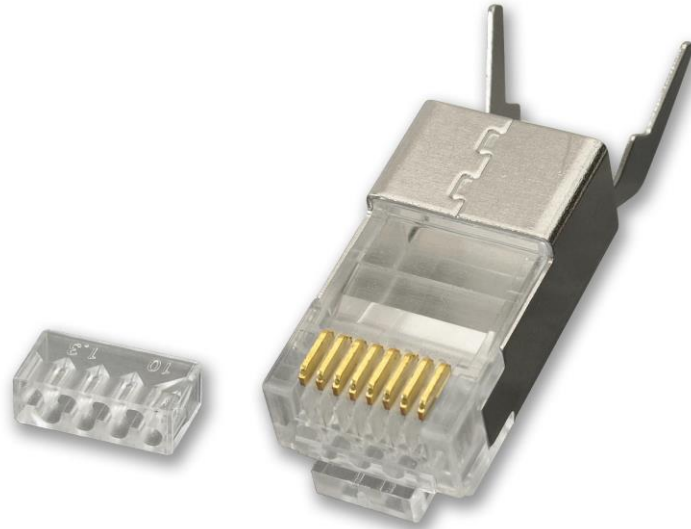# KĀUDEN™

Item Code   LC6A130-10
CAT6A/CAT7/CAT8 Shielded RJ45 Plug with extended earth clip
(Pack of 10)

● Suitable for CAT6A, CAT7 and CAT8 Cables. Special CAT6A RJ45 crimp tool for extended earth clip required – see KAUDEN XT486 for example
● Universal type for solid installation or patch cord stranded cables. 1.45mm max conductor size
● Two-part design with extended ground clip used for outsize cables up to 8.5mm diameter
● Use only special RJ45 Crimping Tool designed for Extended Earth Clip Plugs (available)
● Made from Polycarbonate – UL94 Rated Flame Retardant-50 Micron Gold Plated

These types of plugs are generally used on CAT6A/ CAT7 or CAT8 outsized cables which are now becoming common place and have larger inner conductors which are too large for standard plugs (having a smaller hole size for the inner conductors). Also, on these plugs there is no push down cable clamp as used on the standard RJ45 plugs and therefore you need a special crimp tool which also should be able to clamp the extended ground clip around the cable. Designated Crimp tool is available. Search for KAUDEN XT486 Dual use crimping tool

General

Sale Unit	Pack of 10 Plugs
Barcode	5028088011836
Commodity Code	8536700099
Dimension Packed	130x80x10 mm Height Width Depth
Weight	0.0033kg

For Trade and Bulk buyers

Outer Pack Quantity	10 x Pack of 10 Plugs

Technical

Connector Type	RJ45
Max Conductor size	1.3mm
Max Cable Diameter	8.5mm
Gold Plated	50 Micro Inches
Working Temperature	-40C to +85C
Dielectric Withstanding Voltage test 1000V/DC	
Insulation Resistance	>500MΩ.
Contact Resistance	<20mΩ

With Boot attached (not included)

Sample test sheet for patch cord using the plug listed here

Cable ID: CAT8-S/FTP-2M-01

Test Summary: PASS

Date / Time: 07/18/2018 01:43:04 PM	Operator: YG	Model: DSX-8000
Headroom 15.1 dB (NEXT 36-45)	Software Version: V5.5 Build 2	Main S/N: 1751276
Test Limit: TIA Cat 8 Channel	Limits Version: V6.3	Remote S/N: 1751282
Cable Type: Cat 8 S/FTP	Calibration Start Date:	Main Adapter: DSX-CHA804
NVP: 78.0%	Main (Module): 01/17/2018	Remote Adapter: DSX-CHA804
	Remote (Module): 01/17/2018	

Length (m), Limit 30.0	[Pair 12]	2.3
Prop. Delay (ns), Limit 179	[Pair 12]	10
Delay Skew (ns), Limit 17	[Pair 12]	0
Resistance (ohms), Limit 6.40	[Pair 45]	0.26
Resist. Unbal. (ohms), Limit 0.100	[Pair 12]	0.009
Resist. P2P Unbal. (ohms), Limit 0.200	[Pair 12-45]	0.006
Insertion Loss Margin (dB)	[Pair 36]	25.0
Frequency (MHz)	[Pair 36]	1586.0
Limit (dB)	[Pair 36]	28.6

2.3 m

Wire Map (T568B)
PASS
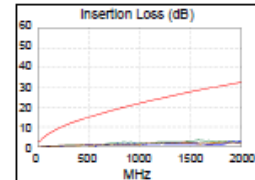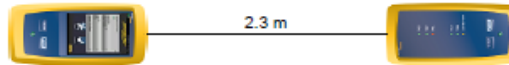
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	16.9	15.1	16.9	16.2
Freq. (MHz)	1948.	3.6	1948.	1994.
Limit (dB)	10.2	64.5	10.2	9.9
Worst Pair	36	36	36	36
PS NEXT (dB)	18.4	16.8	18.4	17.7
Freq. (MHz)	1946.	3.3	1946.	1996.
Limit (dB)	7.7	62.0	7.7	7.4
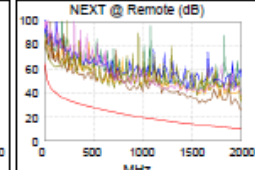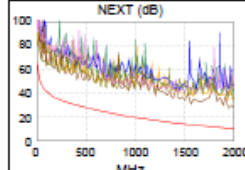
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	78-36	36-45	45-36
ACR-F (dB)	9.7	9.7	10.6	9.9
Freq. (MHz)	804.0	1628.	1864.	1860.
Limit (dB)	13.9	7.7	6.6	6.6
Worst Pair	36	36	36	36
PS ACR-F (dB)	10.0	9.3	10.4	9.3
Freq. (MHz)	1572.	1684.	1738.	1684.
Limit (dB)	5.0	4.4	4.2	4.4
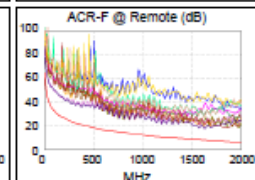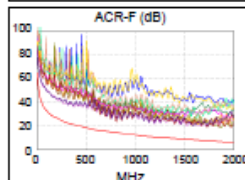
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	20.2	18.1	46.8	46.4
Freq. (MHz)	3.4	3.6	1946.	1994.
Limit (dB)	62.0	61.5	-21.9	-22.8
Worst Pair	36	36	36	36
PS ACR-N (dB)	21.6	19.8	48.0	47.8
Freq. (MHz)	3.4	3.3	1950.	1996.
Limit (dB)	58.7	59.0	-24.5	-25.3
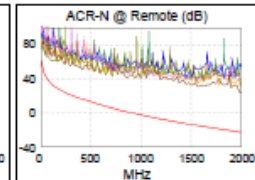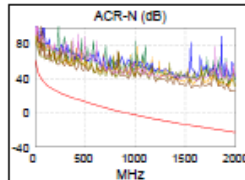
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45	45	45	12
RL (dB)	2.6	3.7	2.6	2.1
Freq. (MHz)	1978.	1984.	1978.	1794.
Limit (dB)	8.0	8.0	8.0	8.0
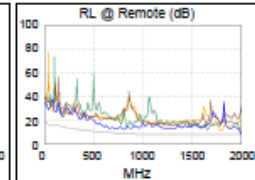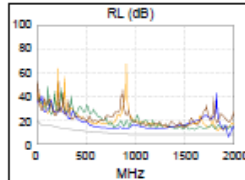
Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	25GBASE-T	40GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		

Insertion Loss (dB)

NEXT (dB)
NEXT @ Remote (dB)

ACR-F (dB)
ACR-F @ Remote (dB)

ACR-N (dB)
ACR-N @ Remote (dB)

RL (dB)
RL @ Remote (dB)

LinkWare™ PC Version 10.1

Project: □□□

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