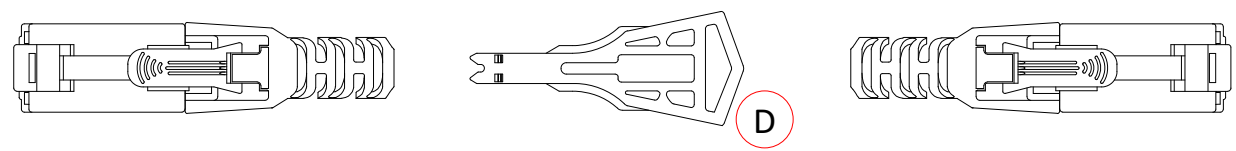


MARKING : UKCA CE 23 ACT Cat6a U/UTP CU LSZH 4x2xAWG24/7 ANSI/TIA-568.2-D ISO/IEC 11801 Class Ea

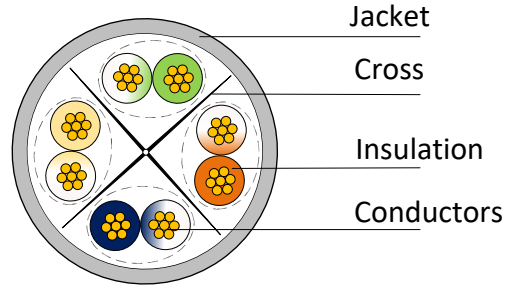


Specifications	
Type	CAT6A with lockable RJ45 connectors
Shielding	No, Type U/UTP
Max. bandwidth	500Mhz
Standards	ANSI/TIA-568.2-D
NVP	68%
Temperature / humidity range	Operational -20°C to +60°C / 40-60%
	Installation 0°C to +50°C / 40-60%
Max tractive force	50N
Impedance	100Ω
Capacitance	5600pF/100m
Conductor DC Resistance	9.53Ω / 100m (maximum)

T568B wiring connection

1	1	White/Orange
2	2	Orange
3	3	White/Green
4	4	Blue
5	5	White/Blue
6	6	Green
7	7	White/Brown
8	8	Brown

Cable (A)	
Conductor type	Stranded
Conductor material	Bare Copper 4x2x24AWG (7/0.20)
Outer diameter	6.0mm ±0.15mm
Bend radius	25mm
Outer Jacket	LSZH
Cable colour	Red / See item list (Colour/Length)



ITEM	COLOR	LENGTH
FB5501	RED	1.00M
FB5551	RED	1.50M
FB5502	RED	2.00M
FB5503	RED	3.00M
FB5505	RED	5.00M

Plug (B,C)	
Connector B	RJ45 8P8C + BOOT (Lockable)
Connector C	RJ45 8P8C + BOOT (Lockable)
Contact plating	50µm Gold-plated
Wire Contact	IPC

Key (D)	
Connector B and C	1x Key to Unlock



ACT CAT6a U/UTP LSZH Lockable Network Patch cord

Item : FB55xx series

Date : 19-02-2024

This drawing is proprietary information of ACT Connectivity Solutions and confidential and provided to you for internal use on a need to know basis only. This document may not be duplicated for or disseminated to any third party without the prior explicit written consent of ACT Connectivity Solutions. Copies of this document, Printed or electronic, are uncontrolled and intended only for immediate use.

Drawn by : ELS