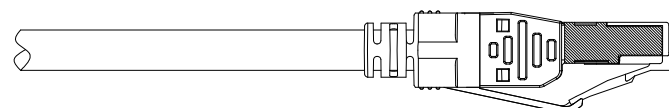
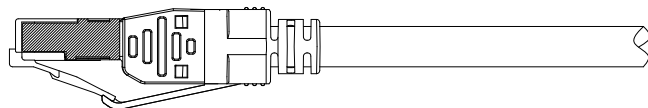


Cable marking : UKCA CE 23 ACT Cat6a IDC S/FTP CU LSZH 4x2xAWG24 ANSI/TIA-568.2-D Class Ea ISO/IEC 11801-1 IEC60332-1-2



Specifications

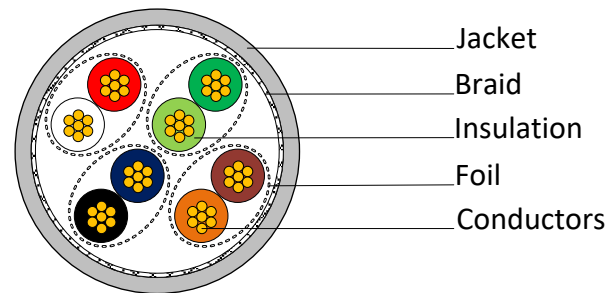
Type	Patchcord
Shielding	S/FTP
Max bandwidth	500Mhz
Standard	ANSI/TIA-568.2-D
Power Over Ethernet rating	PoE++ / Maximum 100W
	IEEE 802.3bt Type 4
Temperature range	Operational -10° to +60°
	Storage -40° to +70°
Max tractive force	50N for 60sec

Cable (A)

Conductor type	Stranded
Conductor material	Bare Copper 4x2x24AWG/7
Outer diameter	7.4 mm ±0.2mm
Bend radius	Min 58.4mm / 8x Outer diameter
Outer Jacket	LSZH
Cable colour	See list

Plug (B,C)

Connector B	RJ45 8P8C + BOOT
Connector C	RJ45 8P8C + BOOT
Contactplating	50 µm Gold plated
Wire Contact	IDC



Cross section

Length (m)	Grey	Black
1.0	FB4001	FB4901
1.5	FB4051	FB4951
2.0	FB4002	FB4902
3.0	FB4003	FB4903
5.0	FB4005	FB4905



ACT CAT6A S/FTP IDC 4PPoE/PoE++ LSZH Patch cord

Item : FB40xx ; FB49xx series

Revision : A

Date : 01-12-2023

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