Excel Category 5e Screened Patch Leads - LSOH

excel
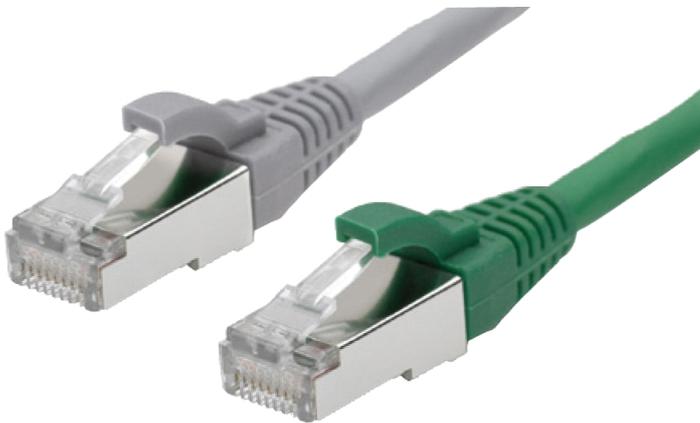*without compromise.*

CAT5e
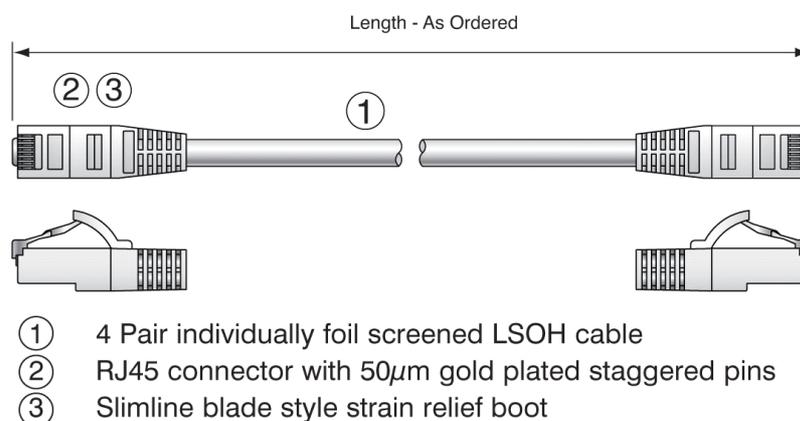
X 25 Year System Warranty

Features

- Category 5e compliant
- Low Smoke Zero Halogen Sheath
- 25 Year System Warranty
- No.3 cabling system by market share, as reported by BSRIA
- Foil Tape Screen
- Choice of Colours and Lengths
- Blade style molded strain relief boot with clip protector

Product Overview

Excel Category 5e FTP Patch Leads are manufactured, tested and independently verified to the ISO11801 Category 5e and EIA/TIA 568 standards.

Each cable consists of 8 colour coded stranded conductors twisted together to form 4 pairs with varying lay lengths. The soft PVC outer sheath, coupled with the stranded conductors, results in a highly flexible cable. The heat resistant UL rated outer sheath is clearly printed with specification details. A choice of jacket colours enables departmental or application identification, where necessary. Cables are fitted with plastic strain relief boots, for applications that may require continuous patching or a degree of stress relief applied to each cable. The booted is shaped, to also provide protection to the latch of the connector.

Length - As Ordered

① 4 Pair individually foil screened LSOH cable
② RJ45 connector with 50μm gold plated staggered pins
③ Slimline blade style strain relief boot

Performance Overview

Excel Category 5e cables are manufactured to and tested to the current Category 5 enhanced standards as defined by the EIA/TIA and ISO standards' bodies. Swept frequency tests are applied to each critical performance characteristic, such as near end cross talk (NEXT). Both Worst Case and Power Sum Test methods are applied. Actual performance exceeds the required standard by a considerable margin ensuring sufficient headroom for even the most demanding applications.

Frequency (MHZ)	Impedance (Ohm)	Attenuation (dB/100m)	NEXT Worst Pair (dB)
0.772		2.2	-
1.0		2.4	64
4.0		4.9	52
8.0		7.0	46
10.0		7.8	44
16.0	100 ± 15	9.9	40
20.0		11.2	38
25.0		12.5	36
31.25		14.1	34
62.5		20.4	28
100		26.4	24

Typical Applications

■ 10Base-T Ethernet   ■ 155 Mbps ATM   ■ 100BASE-TX Fast Ethernet   ■ 622 Mbps ATM   ■ 1000BASE-T Gigabit Ethernet   ■ Token Ring

Part Number Information

Part No.	Description
BBS0.2MPLGE	Category 5e F/UTP Blade Booted Patch Lead LSOH 0.2m Grey
BBS0.5MPLGE	Category 5e F/UTP Blade Booted Patch Lead LSOH 0.5m Grey
BBS001MPLBU	Category 5e F/UTP Blade Booted Patch Lead LSOH 1m Blue
BBS001MPLGN	Category 5e F/UTP Blade Booted Patch Lead LSOH 1m Green
BBS001MPLGE	Category 5e F/UTP Blade Booted Patch Lead LSOH 1m Grey
BBS001MPLRD	Category 5e F/UTP Blade Booted Patch Lead LSOH 1m Red
BBS002MPLGE	Category 5e F/UTP Blade Booted Patch Lead LSOH 2m Grey
BBS003MPLBU	Category 5e F/UTP Blade Booted Patch Lead LSOH 3m Blue
BBS003MPLGN	Category 5e F/UTP Blade Booted Patch Lead LSOH 3m Green
BBS003MPLGE	Category 5e F/UTP Blade Booted Patch Lead LSOH 3m Grey
BBS003MPLRD	Category 5e F/UTP Blade Booted Patch Lead LSOH 3m Red
BBS003MPLYW	Category 5e F/UTP Blade Booted Patch Lead LSOH 3m Yellow
BBS005MPLGE	Category 5e F/UTP Blade Booted Patch Lead LSOH 5m Grey
BBS007MPLGE	Category 5e F/UTP Blade Booted Patch Lead LSOH 7m Grey
BBS010MPLGE	Category 5e F/UTP Blade Booted Patch Lead LSOH 10m Grey
BBS150MPLGE	Category 5e F/UTP Blade Booted Patch Lead LSOH 15m Grey

System Warranty

The Excel System Warranty provides a 25-year product and applications assurance of compliance with the industry performance standard appropriate to the class of cabling installed. The warranty may be applied for by an accredited Excel Partner who has designed, supplied and installed the said system.

25 YEAR WARRANTY excel

Excel is a world-class premium performing end-to-end infrastructure solution - designed, manufactured, supported and delivered - without compromise.

Contact us at **sales@excel-networking.com**

excel without compromise.