



Supports Gigabit Ethernet

Crossover termination

Blade Style Strain Relief Boots

Features

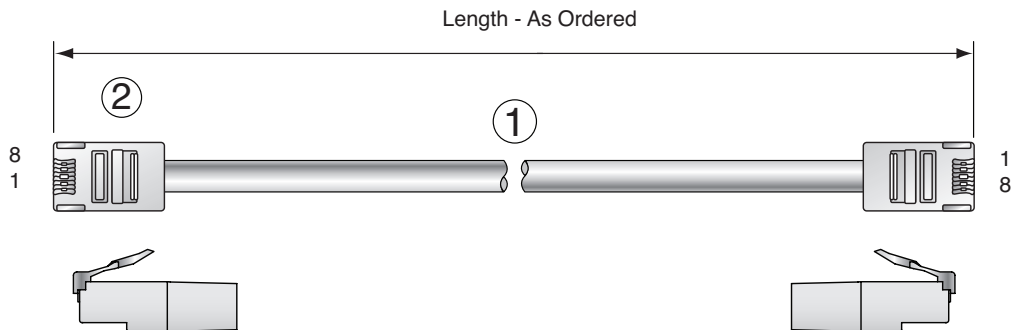
- Category 5e Compliant
- Highly Flexible
- Choice of Colour
- Individually Bagged
- Blade style boot with clip protector

Product Overview

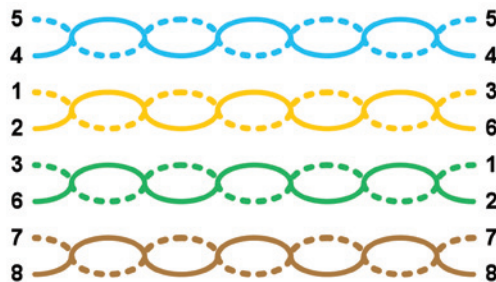
Excel Category 5e Unscreened Crossover Patch Leads are manufactured, from U/UTP cable and tested to ISO and TIA standards. The crossover design allows cascade connection of equipment without crossover ports.

Each cable consists of 8 colour coded stranded 24AWG 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 available fitted with plastic strain relief boots, for applications that may require continuous patching or a degree of stress relief applied to each cable. The boot is of a slimline blade style suitable for high density patching applications, shaped to also provide protection to the latch of the connector.



- ① 4 Pair unscreened PVC cable
- ② RJ45 connector with 50 UM gold plated staggered pins



Performance Overview

Excel Category 5e cables are tested to the current Category 5 enhanced standards as defined by the TIA and ISO standards' bodies. Swept frequency tests are applied to each critical performance characteristic, such as near end cross talk (NEXT) and far end cross talk (FEXT). 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.

Performance / Specification Table

Frequency (MHZ)	Impedance (Ohm)	SRL (dB)	Attenuation (dB/100m)	NEXT Worst Pair (dB)	NEXT Power Sum (dB)	ELFEXT Worst Pair (dB)	ELFEXT Power Sum (dB)
0.772		—	2.2	67	64	—	—
1.0		19	2.4	66	62	64	61
4.0		20.8	4.9	57	53	52	49
8.0		21.7	7.0	52	48	46	43
10.0		22	7.8	51	47	44	41
16.0	100 ± 15	22	9.9	48	44	40	37
20.0		22	11.2	46	42	38	35
25.0		21.3	12.5	45	41	36	33
31.25		20.6	14.1	43	39	34	31
62.5		18.5	20.4	39	35	28	25
100.0		17.1	26.4	36	32	24	21

System Warranty

When installed with Excel Patch Panels, Cables and Data Outlets by an accredited Excel Cabling Partner, this product is supported by a comprehensive 25 year product warranty.

Typical Applications


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

Part Number Information

Part No.	Description
H00XMPLY	Excel Unbooted Category 5e Patch Lead - PVC
HB00XMPLY	Excel Booted Category 5e Patch Lead - PVC

X = Length 0.5 to 20 Metre Available

YY = Colours available: Grey, Red, Blue, Black, Green, Yellow, Violet White, Orange, Purple & Pink



Length (M)	Grey	Red	Violet
1	H001MPLGE/X	H001MPLRD/X	H001MPLVT/X
2	H002MPLGE/X	H002MPLRD/X	H002MPLVT/X
3	H003MPLGE/X	H003MPLRD/X	H003MPLVT/X
5	H005MPLGE/X	H005MPLRD/X	H005MPLVT/X

Please refer to the Excel Product Guide or visit www.excelnetworking.com for full details of the available range.