

Cat 5E UTP Moulded and Booted Patch Leads

Eland Product Group **A8P**



Application

Each patch lead is manufactured, tested and independently verified to ISO 11801 Cat 5E and EIA/TIA standards. Each patch lead has 8 colour-coded cores that are made from stranded 24 AWG and twisted together to form 4 pairs with different lay lengths. The soft PVC outer sheath together with the stranded copper cores, gives a very flexible cable. Because the patch leads are available in different colours, different departments or applications can be identified.

The patch leads are fitted with a strain relief boot for applications that may need a small amount of stress relief applied to each cable—or for applications where continuous patching is necessary.

These items come individually bagged.

Technical Data

Conductor

Stranded bare copper

Insulation

SPE (Solid Polyethylene)

Sheath

Flame retardant PVC(Polyvinyl Chloride)

Sheath Colour

Available in Grey, Red, Blue, Green, and Yellow.

Choice of Lengths

0.5m, 1.0m, 2.0m, 3.0m and 5.0m.

Core Identification

4 Pairs: Blue + White/Blue, Orange + White/Orange, Green + White/Green, Brown + White/Brown

Description

Eland Part Number	Description
A8PC5E005*	Cat 5E UTP Moulded and Booted Patch Lead 0.5m
A8PC5E01*	Cat 5E UTP Moulded and Booted Patch Lead 1m
A8PC5E02*	Cat 5E UTP Moulded and Booted Patch Lead 2m
A8PC5E03*	Cat 5E UTP Moulded and Booted Patch Lead 3m
A8PC5E05*	Cat 5E UTP Moulded and Booted Patch Lead 5m

Eland Part Numbers shown above designate the sheath colour (). For each colour substitute * for a colour code as listed below. e.g. A8PC5E03RD = 3m Red, A8PC5E01YW = 1m Yellow

Colour	Green	Blue	Grey	Red	Yellow
Code	GN	BL	GR	RD	YW

Performance Characteristics

Frequency MHz	Attenuation at 20°C (-dB/100m)(±15%)	NEXT Worst Pair (dB)(±15%)	RL (dB) (±15%)
1.0	2.4	65.3	20.0
4.0	4.9	56.3	23.0
8.0	6.9	51.8	24.5
10.0	7.8	50.3	25.0
16.0	9.9	47.3	25.0
20.0	11.1	45.8	25.0
25.0	12.5	44.3	24.2
31.25	14.1	42.9	23.3
62.5	20.4	38.4	20.7
100.0	26.4	35.3	19.0

Electrical Characteristics

Eland Part Number	Impedance Ohms	Max Conductor DC Resistance at 20°C Ohms/100m
A8PC5E	100 (±15)	9.52