

# LAN-Cable



Category 5 CCA U/UTP 4x2x0,22mm<sup>2</sup> (24 AWG)/7 PVC STRANDED



## TECHNICAL DATA

### MECHANICAL CHARACTERISTICS

Operating Temperature Range	-15°C - +60°C
Tested Temperature	20°C
Min. Insulation	≥5000MΩ*km

### ELECTRICAL CHARACTERISTICS

Max. Conductor DC Resistance	@20°C: ≤150Ω/km
Tested Voltage	1.5KV 50Hz 1min No Break
Nominal Capacitance	56nF/km

## CABLE STRUCTURE

Nominal conductor area	0,22mm <sup>2</sup>
Conductor material	CCA (Copper Clad Aluminium)
Core insulation	HDPE
Core colours	wh-bu/bu, wh-og/og, wh-gn/gn, wh-bn/bn
Shielding	N/A
Drain wire	N/A
Outer sheath material	PVC
Outer diameter	5.8mm

### CONDUCTOR

Number of pairs	4Pr
Conductor Material	Stranded CCA
Nominal Conductor Area	0.22mm <sup>2</sup>
No. of Strand/Strand Size	7/0.20mm

## APPLICATION

LAN data cables are used in the tertiary level of a network as patch cables and connection cables. The CCA (Copper Clad Aluminium) range offers an economical solution for short runs. These cables are not designed for POE application.

## PROPERTIES

The material used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers.

### INSULATION

Insulation Material	HDPE
Insulation Size	1.06±0.05mm
Nominal Insulation Thickness	0.24±0.05mm
PET Overlapped	
Drain Wire	N/A
AL Foil Overlapped	N/A

### OUTER JACKET

Outer Jacket Material	PVC
Jacket	5.8±0.3mm
Wall Thickness	0.6±0.1mm
Jacket Colour	Various

## PART NO

	18102160	CAT 5 LAN- CABLE CCA	BLACK	U/UTP - STRANDED
	18102161	CAT 5 LAN- CABLE CCA	RED	U/UTP - STRANDED
	18102162	CAT 5 LAN- CABLE CCA	BLUE	U/UTP - STRANDED
	18102163	CAT 5 LAN- CABLE CCA	WHITE	U/UTP - STRANDED
	18102164	CAT 5 LAN- CABLE CCA	GREY	U/UTP - STRANDED
	18102165	CAT 5 LAN- CABLE CCA	VIOLET	U/UTP - STRANDED
	18102166	CAT 5 LAN- CABLE CCA	YELLOW	U/UTP - STRANDED
	18102167	CAT 5 LAN- CABLE CCA	ORANGE	U/UTP - STRANDED
	18102168	CAT 5 LAN- CABLE CCA	GREEN	U/UTP - STRANDED