

Spec Sheet Cat5

Date: 28 Jun 2013

Customer: Helukabel South Africa

Order No.:

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## 0.196mm<sup>2</sup> CAT5 Lan Cable

### DESCRIPTION:

0.196mm<sup>2</sup>, Single CCA Conductors, Twisted Pair, PVC Jacket.

### PHYSICAL CHARACTERISTICS:

### CHECKED & TESTED

#### CONDUCTOR:

Number of Pairs:	Refer Table Below	
Conductor Material:	Single Copper Cladded Aluminium	√
Nominal Conductor Area:	0.196mm <sup>2</sup>	√
No. of Strand / Strand Size:	0.503mm	√

#### INSULATION:

Insulation Material:	HDPE	√
Insulation Size:	0.90mm	√
Nominal Insulation Thickness:	0.20mm	√

#### OUTER JACKET:

Outer Jacket Material:	PVC	√
Overall Nominal Diameter	See Table Below	

#### DRAIN WIRE:

Drain Wire Material:	Stranded Tinned Copper 7/0.20mm	√
Nominal Conductor Area:	0.22mm <sup>2</sup>	√

### MECHANICAL CHARACTERISTICS:

Operating Temperature Range:	-15°C -- 60°C	√
Tested Temperature:	20°C	√
Min. Insulation Resistance:	≥5000MΩ/km	√

### ELECTRICAL CHARACTERISTICS:

Max. Conductor DC Resistance @20°C:	≤150.0Ω/km	√
Nom. Overall Shield DCR @20°C:	1.5kv 50Hz 1min no break	√

Signed by: \_\_\_\_\_ (Quality Control Manager)

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PAIRS	NOM. OVERALL DIAMETER (MM)	ORDERED QTY (km)	BULK CABLE WEIGHT (kg/km)	PUT-UP (M)	COLOURS		JACKET COLOUR	Checked
4Pr	5.20			500	Pair 1 Pair 2 Pair 3 Pair 4	Blue, White/blue Orange, White/orange Green, White/green Brown, White/brown	Grey	v

Signed by: \_\_\_\_\_ (Quality Control Manager)