

Spec Sheet Cat5

Date: 28 Jun 2013

Customer: Helukabel South Africa

Order No.:

0.255mm² CAT6 Lan Cable

DESCRIPTION:

0.255mm², 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:	0.255mm ²	√
No. of Strand / Strand Size:	0.573mm	√

INSULATION:

Insulation Material:	HDPE	√
Insulation Size:	1.02m	√
Nominal Insulation Thickness:	0.23mm	√

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 ²	√

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:	≤125.0Ω/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	6.30			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)