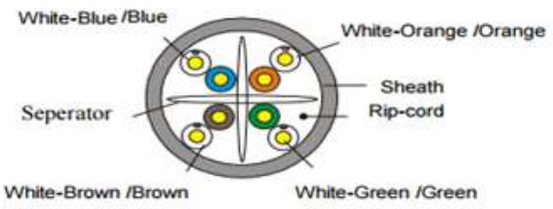
95694, 95695, 94965, 94220: CAT 6 network cable	TECHNICAL DATA SHEET

UTP 4pairs cable category6 - PVC sheath



COLOUR:
BLUE-WHITE/BLUE
ORANGE-WHITE/ORANGE
GREEN-WHITE/GREEN
BROWN-WHITE/BROWN



grey
95694 100m
95695 305m



white
94965 100m
94220 305m

CABLE DESCRIPTION

1-CONDUCTOR

TYPE:SOLID-Copper clad aluminum wire
DIAMETER:0.56±0.005mm AWG:23/1

2-INSULATION

TYPE:PE solid
DIAMETER:1.0mm±0.01mm

3-RIP CORD

YES

4-OUTER JACKET

TYPE:PVC
COLOUR:GREY
THICKNES:0.6mm
EXTERNAL DIAMETER:5.8mm±0.2mm

PASS 70m FLUKE TEST

PARAMETER	UNIT	VALUE
Max.linear tesistance.	Ω/km	⩽130
Mutual capacity(nom.)	pF/m	50
Unbalance capacity max	pF/km	1600
Characteristic impedance (1 at 100 MHz)	Ω	100±15
VELOCITY OF PROPAGATION (f＞1MHz)	%of c	66

Marking

CAT6 SOLID PATCH CORD EIA/TIA 568 4x2AWG 23/1 U/UTP UNSHIELDED
Reaction to fire: Eca; EN 50575:2014+A1: 2016

ELECTRICAL CHARACTERISTICS

Frequency (MHz)	Return loss(dB)	Attenuatin (dB/100m)	NEXT (dB)	PSNEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)
1			65,3	62,3	63,8	60,8
4			56,3	53,3	51,8	48,8
10			50,3	47,3	43,8	40,8
16			47,2	44,2	39,7	36,7
20			45,8	42,0	37,8	34,8
25			44,3	41,3	35,8	32,8
31,25			42,9	39,9	33,9	30,9
62,5			38,4	35,4	27,9	24,9
100			35,3	32,3	23,8	20,8

OTHER CHARACTERISTICS

MINIMUM BENDING RADIUS:10×Diameter
PACKING:100m/ROLL, 305M/BOX

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