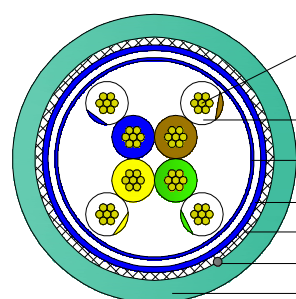


## SF/UTP 4pairs cable category5e



<b>CONDUCTOR</b>	COLOUR:
<b>INSULATION</b>	BLUE-WHITE/BLUE
<b>PET</b>	ORANGE-WHITE/ORANGE
<b>AL FOIL</b>	GREEN-WHITE/GREEN
<b>BRAID</b>	BROWN-WHITE/BROWN
<b>RIP-CORD</b>	
<b>JACKET</b>	

93270  
blue93274  
grey

## CABLE DESCRIPTION

**1-CONDUCTOR**

TYPE:STRANDED-Copper clad aluminum

DIAMETER:7/0.15±0.008mm

AWG:26/7

**2-INSULATION**

TYPE:PE solid

DIAMETER:0.85mm±0.01mm

**3-SHIELDING:PET/AL FOIL/BRAID**

AL FOIL Coverage 110%,BRAID:64/0.12AL/MG

**4-Drain wire**

NONE

**5-RIP CORD**

YES

**6-OUTER JACKET**

TYPE:PVC

COLOUR:BLUE blue (307 U)

THICKNES:0.55±0.1mm

EXTERNAL DIAMETER:5.7mm±0.2mm

PASS 40m FLUKE CHANNEL TEST

## PARAMETER

## UNIT

## VALUE

Max.linear tesistance.

 $\Omega$  /km

≤500

Mutual capacity(nom.)

pF/m

50

Unbalance capacity max

pF/km

1600

Characteristic impedance  
(1 at 100 MHz) $\Omega$ 

100±15

VELOCITY OF PROPAGATION  
(f> 1MHz)

%of c

66

## Marking

CAT 5e network cable, SF/UTP, m CCA copper mixture for SOHO applications, AWG 26/7 (stranded), PVC  
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



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