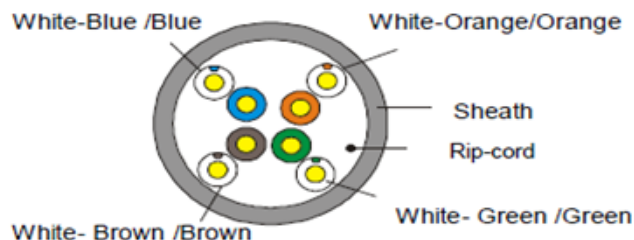


## U/UTP 4pairs cable category5e



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



## CABLE DESCRIPTION

**1-CONDUCTOR**

TYPE:SOLID-Copper clad aluminum wire

DIAMETER:7\*0.15±0.005mm

AWG:26/7

**2-INSULATION**

TYPE:PE solid

DIAMETER:0.9mm±0.01mm

**3-RIP CORD**

YES

**4-OUTER JACKET**

TYPE:PVC

COLOUR:GREY

THICKNES:0.55mm

EXTERNAL DIAMETER:5.0mm±0.2mm

PASS 40m FLUKE TEST

PARAMETER	UNIT	VALUE
Max.linear tesistance.	Ω /km	≤360
Mutual capacity(nom.)	pF/m	50
Unbalance capacity max	pF/km	1600
VELOCITY OF PROPAGATION (f> 1MHz)	%of c	66

## Marking

CAT 5e network cable, U/UTP, grey 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 (68707)

305m/BOX (95409)



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