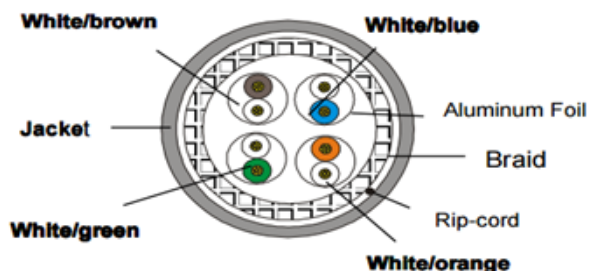
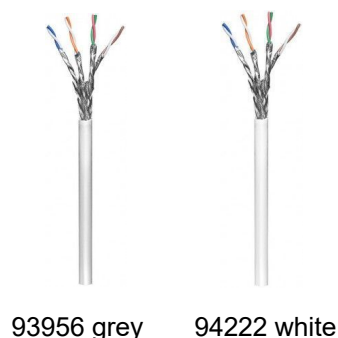


S/FTP 4pairs cable category6



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



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-PiMF:every pair with the AL FOIL shield**

**4-Braiding**  
 AL wire 80\*0.12mm Coverage 60%

**5-RIP CORD**  
 YES

**6-OUTER JACKET**  
 TYPE:LSOH  
 COLOUR:GREY  
 THICKNES:0.60mm  
 EXTERNAL DIAMETER:6.3mm±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 4x2xAWG 23/1 S/  
 FTP PiMF/SHIELDED 250 MHz LSOH/FRNC Halogen Free  
 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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