

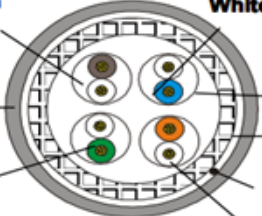
S/FTP 4pairs cable category6

White/brown

White/blue

White/green

White/orange



Aluminum Foil

Braid

Rip-cord

COLOUR:

BLUE-WHITE/BUE

ORANGE-WHITE/ORANGE

GREEN-WHITE/GREEN

BROWN-WHITE/BROWN



grey

93954 100m

95709 305m

CABLE DESCRIPTION

1-CONDUCTOR	PARAMETER	UNIT	VALUE
TYPE:STRANDED-Copper clad aluminum wire	Max.linear tesistance.	Ω /km	≤180
DIAMETER:7/0.19±0.005mm	Mutual capacity(nom.)	pF/m	50
AWG:26/7	Unbalance capacity max	pF/km	1600
2-INSULATION	Characteristic impedance	Ω	100±15
TYPE:PE solid	(1 at 100 MHz)		
DIAMETER:1.0mm±0.01mm	VELOCITY OF PROPAGATION	%of c	66
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 40m FLUKE TEST			
	Marking		
	CAT6 STRANDED / PATCH CORD EIA/TIA 568 4x2xAWG 26/7 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
305m/BOX



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