

S/FTP 4pairs cable category6

White/brown

White/blue

White/green

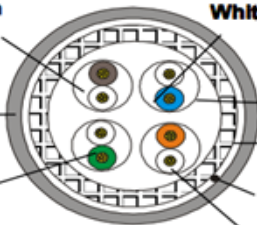
White/orange

Jacket

Aluminum Foil

Braid

Rip-cord



COLOUR:

BLUE-WHITE/BLUE

ORANGE-WHITE/ORANGE

GREEN-WHITE/GREEN

BROWN-WHITE/BROWN



CABLE DESCRIPTION

1-CONDUCTOR	PARAMETER	UNIT	VALUE
TYPE:SOLID-Copper clad aluminum wire	Max.linear tesistance.	Ω /km	≤130
DIAMETER:0.56±0.005mm	Mutual capacity(nom.)	pF/m	50
AWG:23/1	Unbalance capacity max	pF/km	1600
2-INSULATION	Characteristic impedance (1 at 100 MHz)	Ω	100±15
TYPE:PE solid	VELOCITY OF PROPAGATION (f>1MHz)	%of c	66
DIAMETER:1.0mm±0.01mm	Marking		
3-PIMF:every pair with the AL FOIL shield	Outdoor CAT6 S/FTP (PIMF) Shielded 4x2xAWG23/1 SOLID 100 OHM 250 MHz EIA-TIA 568 LSZH Halogen free ##904## CPR		
4-Braiding			
AL wire 80*0.12mm Coverage 60%			
5-RIP CORD			
YES			
6-OUTER JACKET			
TYPE:PE			
COLOUR:BLACK			
THICKNES:0.60mm			
EXTERNAL DIAMETER:6.3mm±0.2mm			
PASS 40m FLUKE TEST			
Operating temperature: -20 - 75°C			

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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