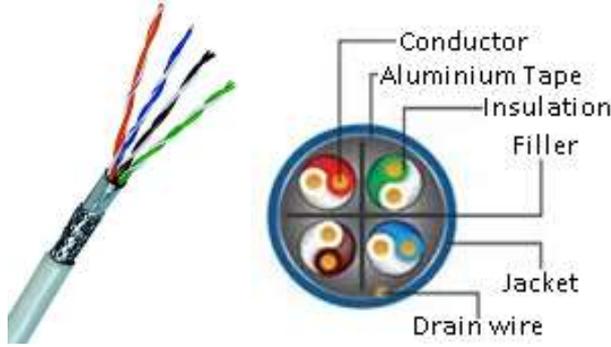


Category 6 – SF/UTP Ethernet Cable



Product Overview

Alston Systems Category 6 SF/UTP Ethernet Cable can be used horizontal or vertical configuration as backbone. It constitutes the base of structured cabling network and helps in transmission of high speed data, digital and analogue voice and video signals. Supports Gigabit Ethernet (1000 baseT) standard.

Standards

- IEC 61156-5:2009 (Ed2.0)
- UL1581 ANSI/TIA-568.C.2
- ISO /IEC 11801:2002(Ed.2.0) including amendments A1:2008 and A2"2010
- EN 50173-1:2011, EN50173-2:2007 including amendment A1:2010, ANSI/TIA-568-C.2:2009

Specifications

Conductor	0.55mm Bare Solid Copper
Insulation	Color-Coated PE (Twisted Four Pairs)
Drain Wire	0.495mm TC
Braiding	Tinned Copper
Shield	Aluminium Foil (Overall Shielded 4Pairs)
Rip Cord	Yes
Jacket	PVC/LSZH
Operating Temperature	-25° C to 75° C

Electrical Characteristics

Frequency (MHz)	Impedance (Ohm)	RL (dB)	Attenuation (dB/100m)	NEXT (dB)	NEXT Power Sum (dB)	ELFECT (dB)	PSELFEXT (dB)
1	100±15	20.0	2.0	74.3	72.3	67.8	64.8
4	100±15	23.0	3.8	65.3	63.3	55.8	52.7
8	100±15	25.0	5.3	60.8	58.8	49.7	46.7
10	100±15	25.0	6.0	59.3	57.3	47.8	44.8
16	100±15	25.0	7.6	56.2	54.3	43.7	40.7
20	100±15	25.0	8.5	54.8	52.8	41.8	38.8
25	100±15	24.3	9.5	53.3	51.3	39.8	36.8
31.25	100±15	23.6	10.7	51.9	49.9	37.9	34.9
62.50	100±15	21.5	15.4	47.4	45.4	31.9	28.9
100	100±15	20.1	19.8	44.3	42.3	27.8	24.8
155	100±20	18.8	25.2	41.5	39.5	23.9	20.9
200	100±20	18	29	39.8	37.8	21.8	18.8
250	100±20	17.3	32.8	38.3	36.3	19.8	16.8

Ordering Information

Part Number	Description
30130006X	Alston Systems, Category 6 SF/UTP Ethernet Cable, 23 AWG 305m/box, PVC
30230006X	Alston Systems, Category 6 SF/UTP Ethernet Cable, 23 AWG 305m/box, LSZH

Note: "X" denotes the color of the cable. (1 – Blue, 2 – Gray, 3 – Black, 4 – Green, 5 – Red, 6 – White, 7 – Yellow, 9 – Orange)

Note: Available in 500meters/roll upon request.