

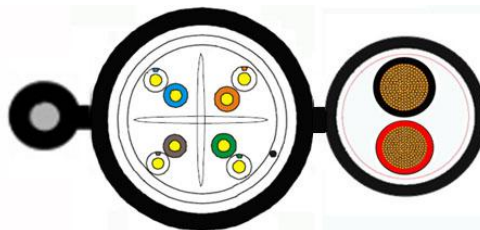
## DESCRIPTION

Siamese FTP CAT6 Cable 23 AWG Bare Copper with messenger support with 2 cores.  
Manufactured according to ISO / IEC 11801, ANSI/TIA-568-C.2.

## TECHNICAL SPECIFICATIONS

### FTP CAT.6

Conductor	Bare copper 0,56+/- 0,01 mm
Insulation	HDPE 1,05+/-0,05 mm
Identification of pairs	
1 pair	Blue - White / Blue
2 pair	Orange - White / Orange
3 pair	Green - White / Green
4 pair	Brown - White / Brown
Filler	Yes
Screening material	Pet foil + drain + Aluminum foil
Sheath	PE
Color	Black
Steel Wire	1.16±0.01 mm



### 2 x 1.5mm<sup>2</sup>

Conductor	Stranded bare copper 84x0,15+/- 0,005 mm
Insulation	PVC 2.40+/-0,10 mm ( red / black )
Screening material	Aluminum foil
Sheath	PE
Color	Black
Bending radius	≥ 8 x Diameter (mm) Installation
Storage temperature	-15°C + 70°C

## ELECTRICAL CHARACTERISTICS

Type (n° Pairs. x AWG)	Conductor Resistance Ω/km	Resistance Unbalance	Cap. between cond. pair pF / m	Velocity of Propagation %	Impedance Ω	ΦExt. (Appvox) mm (+/-0,3)
4x2x23	max.75	max.5%	56	69	100±15	2,5x6,9x5,9

Frequency (MHz)	RL ≥dB	ATT dB/100m	NEXT ≥dB	DELAY ≤ns	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB
1	20	2.03	74.3	570	72.3	67.8	64.8
4	23	3.78	65.3	552	63.3	55.8	52.8
8	24.5	5.32	60.8	546.73	58.8	49.7	46.7
10	25	5.95	59.3	545.38	57.3	47.8	44.8
16	25	7.55	56.2	543	54.2	43.7	40.7
20	25	8.47	54.8	542.05	52.8	41.8	38.8
25	24.3	9.51	53.3	541.2	51.3	39.8	36.8
31.25	23.6	10.67	51.9	540.44	49.9	37.9	34.9
62.5	21.5	15.38	47.7	538.55	45.4	31.9	28.9
100	20.1	19.8	44.3	537.6	42.3	27.8	24.8
200	18	28.98	39.8	536.54	37.8	21.8	18.8
250	17.3	32.85	38.3	536.27	36.3	19.8	16.8

## PACKING

500m in wooden drum.