



SUN FAI INDUSTRIAL CO.
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FTP CAT6 23AWG+RG6+4C Shielded Cable+2C Shielded Cable



Cable Description

	FTP CAT6	RG6	4C Shielded Cable	2C Shielded Cable
Conductor	BC0.574mm	BC1.0mm	TC0.25mm×16	TC0.28mm×19
Insulation	HDPE(4pair)	4.50FPE	2.20LSZH×4C (white,green,red,black)	2.50LSZH×2C(brown,blue)
Filler	PE X-Filler	---	---	---
Shielded	Al-foil	CU-foil Braid: Bare Copper 55%	Al-foil	Al-foil
Drain	TC0.20mm×7	---	TC0.20mm×19	TC0.20mm×19
Inner Sheath	6.50LSZH(grey)	6.65LSZH(black)	8.20LSZH(grey)	6.20LSZH(grey)
Filler	4.60 LSZH Tube			
Wrapping	Mylar			
Outer Sheath	22.50LSZH(violet)			

Electrical Characteristics

●Rated Voltage(V) : 300V

●Operating Temperature Rated : -20℃ ~ +70℃

●Max . Conductor DCR (Ω/km)

FTP CAT6	RG6	4C	2C
93.8	23.0	23.7	15.9

●Capacitance<RG6> : 54±3 pF/M

●Impedance(Ω)<RG6> : 75±3 Ω

●Attenuation(dB/100M)<(RG6)>

55 MHz	4.94	870 MHz	19.99
211 MHz	9.43	1000 MHz	21.46
400 MHz	13.12	---	---

Characteristics <CAT6 >

Frequency(MHz)	Attenuation(dB)	RL(dB)	Next Worst Pair(dB)	Impedance(Ω)
1.00	2.0	20.0	74.3	100±15
4.00	3.8	23.0	65.3	
8.00	5.3	24.5	60.8	
10.00	6	25.0	59.3	
16.00	7.6	25.0	56.2	
20.00	8.5	25.0	54.8	
25.00	9.5	24.3	53.3	
31.25	10.7	23.6	51.9	
62.50	15.4	21.5	47.4	
100.00	19.8	20.10	44.3	
200.00	29.0	18.70	39.8	100±22
250.00	32.8	17.3	38.3	