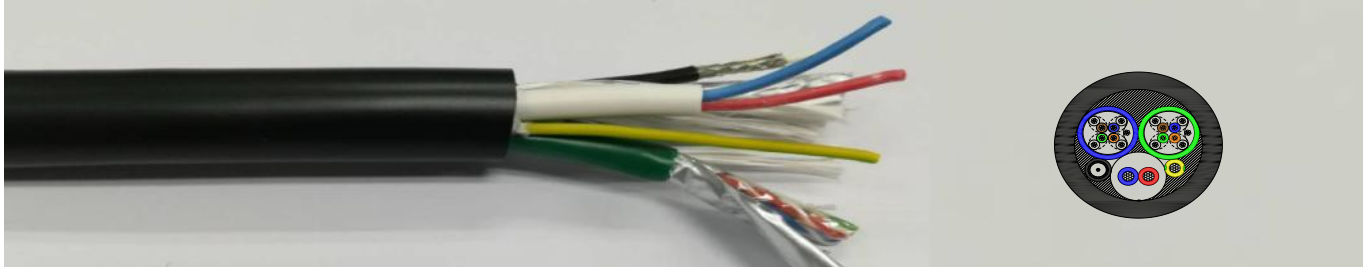




SUN FAI INDUSTRIAL CO.
(WHOLLY OWNED BY GROUPIA LTD.)
www.powercord.com.hk

2 x FTP CAT5E 24AWG + RG179+2 x 0.75mm²+0.75mm²



Cable Description

	2 x FTP CAT5E(4Pair)	RG179	2 x 0.75mm ²	0.75mm ²
Conductor	BC0.203mm x 7	TC0.12mm x 7	BC0.20mm x 24	BC0.20mm x 24
Insulation	HDPE(2 x 4pair)	1.60FPE	2.0PVC x 2C (red,blue)	2.0PVC x 1C (yellow/green)
Wrapping	Mylar	---	---	---
Drain	TC0.203mm x 7	---	---	---
Shielded	Al-foil	Braid:Tinned Copper(90%)	---	---
Inner Sheath	6.0PVC x 2C (blue,green)	2.60PVC(black)	5.50PVC(white)	---
Filler	Cotton Thread			
Wrapping	Cotton paper			
Outer Sheath	16.50 PVC(Black)			

Electrical Characteristics

- Rated Voltage(V) : 300V
- Operating Temperature Rated : -20 °C ~ +70 °C
- Max . Conductor DCR (Ω/km)

FTP CAT5E	RG179	0.75mm ²
93.8	235	26

- Capacitance<RG179> : 57±5 pF/M
- Impedance(Ω)<RG179> :75±5 Ω
- Attenuation(dB/100M)<RG179>

10 MHz	8
100 MHz	24
200 MHz	35

Characteristics <CAT5E >

Frequency(MHz)	Attenuation(dB)	RL(dB)	Next Worst Pair(dB)	Impedance(Ω)
1.00	2.4	20.0	65.3	100±5
4.00	4.9	23.0	56.3	
8.00	6.9	24.5	51.8	
10.00	7.8	25.0	50.3	
16.00	9.9	25.0	47.3	
20.00	11.1	25.0	45.8	
25.00	12.5	24.3	44.3	
31.25	14.1	23.6	42.9	
62.50	20.4	21.5	38.4	
100.00	26.4	20.1	35.3	