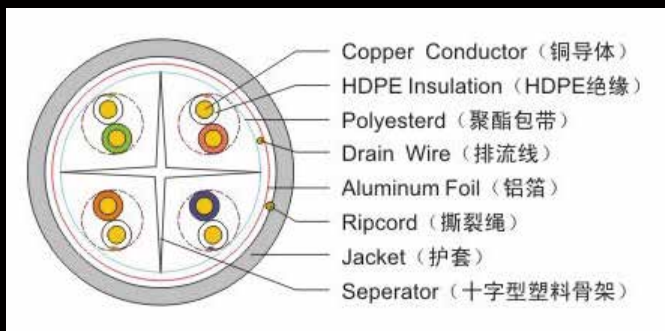


# CB-RG-FTPCAT6-J

FTP CAT6 Jelly Filled Cable



**RANGER**  
AUTOMATION • REVOLUTION



**Cable Available Length : 305 Meters**

### Product Description :

1. Rated Temperature : 60°C, 75°C, 90°C
2. Reference Standard : UL444, UL1581
3. Bare Solid Copper Conductor
4. RoHS Complied PVC, PE or LSZH Jacket
5. Complies to TIA/EIA-568-c.2&ISO/IEC 11801, EN50173&IEC61156-5
6. Installation Temperature : -30°C~+50°C
7. Minimum Bending Radius : 8D

### Application :

- 100 Base-Tx
- 100VG-AnyLAN
- 1000 Base-T
- (Gigabit Ethernet)
- ATM
- Noisy Environments

## Electrical Characteristics

Frequency MHz	Impedance ohm	RL≥dB	Attenuation ≤dB/100m≥	NEXT ≤dB/100m≥	ELFEXT ≤dB/100m≥	PS NEXT ≤dB/100m≥	PS ELFEXT ≤dB/100m≥	Impedance	NVP
1	100±15	20.0	1.9	74.3	67.8	72.3	64.8	≤45	68%
4		23.0	3.7	65.3	61.8	63.3	52.8		
8		24.5	5.3	60.3	55.7	58.8	46.7		
10		25.0	5.9	59.3	53.8	57.3	44.8		
16		25.0	7.5	56.3	49.7	54.3	40.7		
20		25.0	8.4	54.8	47.8	52.8	38.7		
25		24.3	9.5	53.4	45.8	51.4	36.8		
31.25		23.6	10.6	51.9	43.9	49.9	34.9		
62.5		21.5	15.4	47.4	37.9	45.4	28.8		
100		20.1	19.8	44.3	33.8	42.3	24.8		
155		18.8	25.1	41.4	27.8	39.4	20.9		
200		18.0	29.0	39.8	25.8	37.8	18.7		
250		17.3	32.8	38.3	24.3	36.3	16.8		
*300	100±20	16.8	36.4	37.1	22.9	35.1	15.2		
*350		16.3	39.8	36.1	21.8	34.1	13.9		
*400		15.9	43.0	35.3	20.7	33.7	12.7		
*450	100±22	15.5	46.3	34.5	19.8	32.5	11.7		
*500		15.2	48.9	33.8	19.0	31.8	10.8		
*550		14.9	51.8	33.2	18.2	31.2	9.9		

\*Remarks:\*are the reference values)

## Cable Construction (CAT6)

Item No.	Consturction	Nominal Conductor Dimension(mm)	Nominal Insulation Diameter(mm)	No.of Pairs	Nominal Cable OD (mm)	Type of Jacket	Remark
F6C04/F6E04/F6H04	FTP	0.570	1.09	4	7.3	PVC/PE/LSZH	250MHz