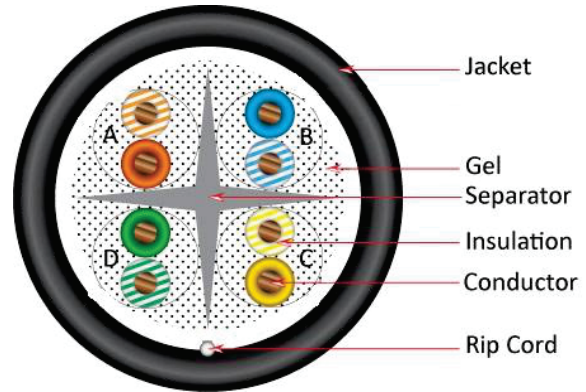


03JCAT6R3JF 23AWG UTP CAT6 Cable 300 Timber Spool Gel Filled - PE Jacket for outdoor & Underground use.

1) Construction

Conductor	Nom. Dia.	0.56 mm
	Material	Solid Bare Copper
Insulation	Nom. Dia.	1.0mm
	Material	HDPE
Filler	Material	Gel Filled
	Material	PE Separator
	Material	Nylon Ripcord
Jacket	Nom. O.D.	7.0 mm
	Average Thickness	1.0 mm
	Material	PE



2) Electrical Characteristics(@20°C)

1-250MHz Impedance	100±15Ω
DC Resistance	≤9.38Ω/100m
DC Conductor Resistance Unbalance	≤5%
Capacitance	≤5.6nF/100m

3) Technical Performance(@100m)

Frequency (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	Phrase DELAY ≤ns	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB
1	20.0	2.03	74.3	570.00	72.3	68.0	65.0
4.0	23.0	3.78	65.3	552.00	63.3	56.0	53.0
8.0	24.5	5.32	60.8	546.73	58.7	49.9	46.9
10.0	25.0	5.95	59.3	545.38	57.3	48.0	45.0
16.0	25.0	7.55	56.2	543.00	54.2	43.9	40.9
20.0	25.0	8.47	54.8	542.05	52.8	42.0	39.0
25.0	24.3	9.51	53.3	541.20	51.3	40.0	37.0
31.25	23.6	10.67	52.0	540.44	49.9	38.1	35.1
62.5	21.5	15.38	47.4	538.55	45.4	32.1	29.1
100	20.1	19.80	44.3	537.60	42.3	28.0	25.0
200	18.0	28.98	39.8	536.54	37.8	22.0	19.0
250	17.3	32.85	38.3	536.27	36.3	20.0	17.0

5) Mechanical Characteristics

Installation Temperature	-----	-20°C to +70°C
Operating Temperature	-----	-20°C to +70°C
Elongation Before Aging	-----	≥300% (Insulation), ≥100% (Jacket)
Tensile Strength Before Aging	-----	≥16.5MPa (Insulation), ≥13.8MPa (Jacket)
Elongation After Aging	-----	≥75% of unaged (Insulation); ≥50% of unaged (Jacket)
Tensile Strength After Aging	-----	≥75% of unaged (Insulation); ≥85% of unaged (Jacket)

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