

## Dax Oryx CAT 5e UTP cable



### Introduction:

Dax DX-C05300V Cat-5e UTP Cable exceeds the EIA/TIA Category 5 performance by significant margins on all parameters. Guaranteed performance in compliance with the most demanding LAN applications such as Gigabit Ethernet, 100BASE-Tx, token ring, 155 Mbps ATM, 100 Mbps TPPMD, ISDN, analog (broadband, baseband) and digital video and analog and digital (VoIP) voice.

Dax DX-C05300V is 24 AWG, 4-pair UTP, Non plenum, CMR rated, with a FR PVC jacket. Cable jacketing is lead-free. Cable performance meets ANSI/EIA/TIA568-B-2.1 Cat-5 to 100MHz.



**Performance characteristics:**

Frequency (Mhz)	ATT max (dB/100m)	NEXT typical (db)	ACR typical (dB)	PSNEXT typical (dB)	ELFEXT typical (dB/100m)	PSELFEXT Typical (dB/100m)	PSACR (dB)	RL (dB)
1	2.0	65.3	63.3	62.3	63.8	60.8	60.3	20.0
4	4.1	56.3	52.2	53.3	51.8	48.8	49.2	23.0
8	5.8	51.8	46.0	48.8	45.7	42.7	43.0	24.5
10	6.5	50.3	43.8	47.3	43.8	40.8	40.8	25.0
16	8.2	47.2	39.0	44.2	39.7	36.7	36.0	25.0
20	9.3	45.8	36.5	42.8	37.8	34.8	33.5	25.0
25	10.4	44.3	33.9	41.3	35.8	32.8	30.9	24.3
31.25	11.7	42.9	31.2	39.9	33.9	30.9	28.2	23.6
62.5	17.0	38.4	21.4	35.4	27.9	24.9	18.4	21.5
100	22.0	35.3	13.3	32.3	23.8	20.8	10.3	20.1
160	28.1	32.5	4.4	29.5	1.4	20.0	17.0	18.8



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### Technical specifications:

Color Codes of Conductor	Blue × White/Blue Orange × White/Orange Green × White/Green Brown × White/Brown
DC Conductor Resistance	9.38 Ohms max/m
Mutual Capacitance	5.6nF max/100 m
<b>Materials</b>	
Conductors	24 AWG Solid Bare Copper
Insulation	Polyethylene
Insulation Thickness	0.96mm + 0.02 mm
Jacket	FR PVC
Outer diameter	5.2 mm nominal
Flame Retardant Test	CMR, Tested @ Max Temp of 75 Degree C
Characteristic Impedance	100 ohms ± 15%, 1 MHz to 100 MHZ
Capacitance Unbalance	330pF/100m
Propagation Delay	498 ns/100m max
Velocity of propagation	69%
Delay Skew	<45 ns
Approvals	UL Listed
Bending Radius	4 x cable diameter
Operating Temperature	-20°to +70°C

*\* Specifications are subject to change without notice*

### Ordering Information:

**Dax DX-C05300V:** Dax Oryx Enhanced Cat-5 UTP 4Pr. CMR Cable - 305Meters Box



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**Dax DX-C05300V** is brought to you by Dax (An Apcom Company) one of India’s most renowned, technically qualified Data/ Voice Networking vendor. Dax offers an India-Centric, diverse product range which conforms to the highest world standards and meets the “edge to core” networking technology needs of all verticals. Dax is probably the most respected independent OEM supplier in India.

In the last 25 years, Dax has made wide country inroads through its Enterprise networking partners and national ADSPs. Dax is synonymous with high business ethics, consistent quality, optimized performance and support- commitment to Indian customers which supersedes MNC standards. Dax continues to synergistically work with Indian Customers to design products and networking solutions.

Today, Dax is the one of the Top Networking companies in India. We have achieved this status by a combination of relentless single-minded focus on cutting edge Networking technologies and a proud dedication (since 1986), to true professionalism.

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