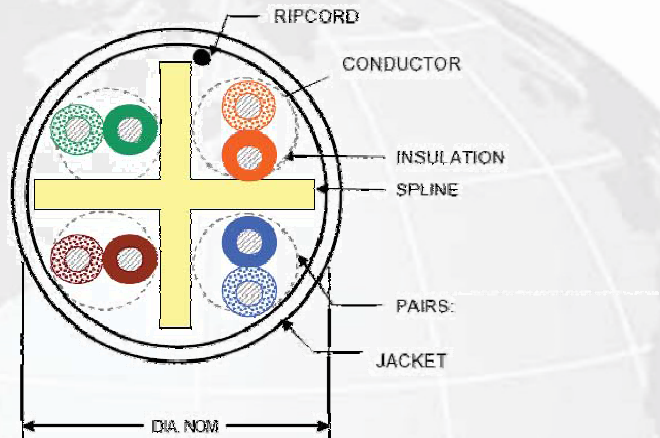


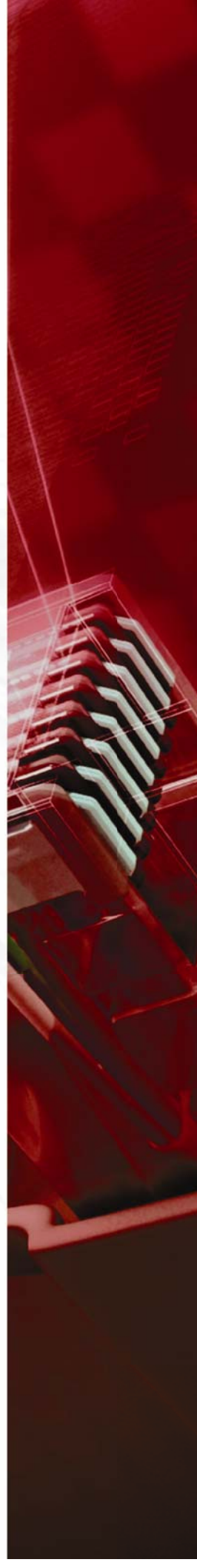
Dax Oryx Cat 6 UTP cable



Introduction:

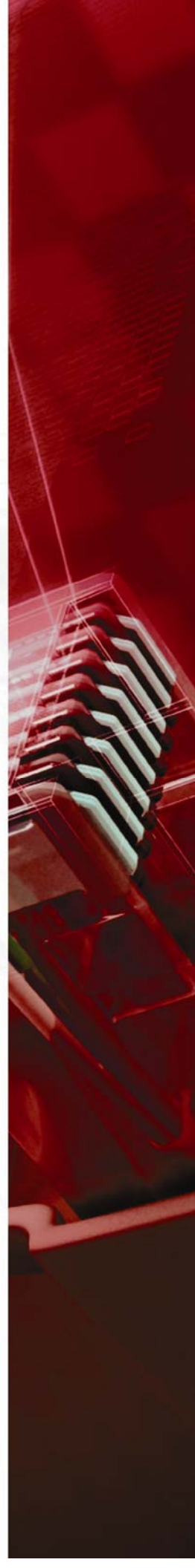
Dax DX-C06300V Cat-6 UTP Cable exceeds the EIA/TIA Category 6 performance by significant margins on all parameters. Guaranteed performance in compliance with the most demanding LAN applications such as Gigabit Ethernet, 100BASE-Tx, token ring, 155 Mbps ATM, 100 Mbps TPPMD, ISDN, analog (broadband, baseband) and digital video and analog and digital (VoIP) voice.

Dax DX-C06300V horizontal cable is 23 AWG, 4-pair UTP, Non plenum, CMR rated, with a FR PVC jacket. Cable jacketing is lead-free. Cable performance meets ANSI/EIA/TIA568-C.2 Cat-6 to 250MHz and Zero Bit Error free performance, Cable is ETL, UL approved.



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	74.3	72.3	72.3	67.8	64.8	70.3	20.0
4	3.8	65.3	61.5	63.3	55.8	52.8	59.5	23.0
8	5.3	60.8	55.4	58.8	49.7	46.7	53.5	24.5
10	6.0	59.3	53.3	57.3	47.8	44.8	51.3	25.0
16	7.6	56.2	48.6	54.2	43.7	40.7	46.6	25.0
20	8.5	54.8	46.2	52.8	41.8	38.8	44.3	25.0
25	9.5	53.3	43.8	51.3	39.8	36.8	41.8	24.3
31.25	10.7	51.9	41.1	49.9	37.9	34.9	39.2	23.6
62.5	15.4	47.4	32.0	45.4	31.9	28.8	30.2	21.5
100	19.8	44.3	24.5	42.3	27.8	24.8	22.5	20.1
200	29.0	39.8	10.8	37.8	21.8	18.8	8.8	18.0
250	32.8	38.3	5.5	36.3	19.8	16.8	3.5	17.3



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
DC resistance Unbalance (max)	5%
Mutual Capacitance	5.6nF max/100 m
Splitter	X shaped Polymer Spine full separator
Materials	
Conductors	23 AWG Solid Bare Copper
Insulation	Polyethylene
Insulation Thickness	0.95 ± 0.02mm dia. nom
Jacket	FR PVC
Outer diameter	6.2mm nominal
Flame Retardant Test	CMR, Tested @ Max Temp of 75 Degree C
Electrical characteristics	
Characteristic Impedance	100 ohms ± 15%, 1 MHz to 250 MHZ
Capacitance Unbalance	330pF/100m
Propagation Delay	498 ns/100m max
Velocity of Propagation (NVP)	69% min. @ 250 MHz Approx
Delay Skew	25 ns max / 100m
Maximum Pulling Tension	108 N
Bending Radius	4 x cable diameter or 50MM during installation & 25 mm after installation
Operating Temperature	-15 Deg C to +75 Deg C
Current Rating:	1.5Amps
Contact Resistance	20mΩ max
Dielectric Strength	1000V AC
Insulation Resistance	>500MΩ
Standards	CAT6 ANSI/TIA/EIA-568-B.2-1 CAT6 ANSI/TIA/EIA-568-C.2
Approvals	UL Listed ETL Listed for performance and safety Approvals

* Specifications are subject to change without notice



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Ordering Information:


Dax DX-C06300V: Dax Oryx CAT-6 CMR UTP Cable - 305Meters Box.

Dax DX-C06300V 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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