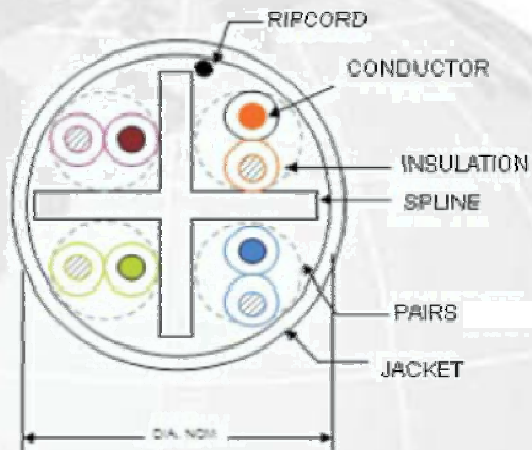


Dax DX-C06300U (600 MHz Cat-6 UTP 4Pair CMR Cable)



Introduction:

Dax DX-C06300U 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-C06300U is 23 AWG, 4-pair UTP, Non plenum, CMR rated, with a FR PVC jacket. Cable jacketing is lead-free. Cable performance meets the ANSI/EIA/TIA568-C.2 Cat-6, tested upto 600 MHZ 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)
1	2.0	74.3	72.3	72.3	67.8	64.8
4	3.8	65.3	61.5	63.3	55.7	52.7
8	5.4	60.8	55.4	58.8	49.7	46.7
10	6.0	59.3	53.3	57.3	47.8	44.8
16	7.7	56.3	48.6	54.3	43.7	40.7
20	8.6	54.8	46.2	52.8	41.7	38.7
25	9.6	53.3	43.7	51.3	39.8	36.8
31.25	10.8	51.9	41.1	49.9	37.9	34.9
62.5	1.7	47.4	31.7	45.4	31.8	28.8
100	20.2	44.3	24.1	42.3	27.8	24.8
200	29.8	39.8	10.0	37.8	21.7	18.7
250	33.8	38.3	4.6	36.3	19.8	16.8
300	36.4	37.1	0.7	35.1	-	-
350	39.8	36.1	-	34.1	-	-
400	43	35.3	-	33.3	-	-
500	48.9	33.8	-	31.8	-	-
550	51.8	33.2	-	31.2	-	-
600	50.0	32.7	-	31.0		

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/Km
Mutual Capacitance	5.6nF max/100 m
Splitter	X shaped Polymer Spine full separator
Materials	
Conductors	23 AWG Solid Bare Copper
Insulation	Polyethylene Insulation
Insulation Thickness	0.25mm dia. nom
Jacket	FR PVC
Outer diameter	6.2mm nominal
Flame Retardant Test	CMR, Tested @ Max Temp of 75 Degree C
Characteristic Impedance	100 ohms ± 15%, 1 MHz to 600 MHZ
Propagation Delay	498 ns/100m max
Velocity of Propagation (NVP)	69% min. @ 250 MHz Approx
Delay Skew	25 ns max / 100m
Approvals	UL Listed ETL Verified
Bending Radius	4 x cable diameter
Operating Temperature	-15 Deg C to +75 Deg C

** Specifications are subject to change without notice*

Ordering Information:

Dax DX-C06300U: Dax Oryx CAT-6 UTP 4Pr. 600Mhz CMR Cable - 305Meters Box

Dax other offerings:

Dax DX-C06300U 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 needs of all Verticals.

Dax is one of India's most respected OEM "**networking-Infrastructure**" vendors. Over the past 22 years, Dax has made country wide inroads through its national ADSPs (Authorized Dax Solution Partners) and Star Partners.



Dax is synonymous with high business ethics, consistent quality, optimized performance and support - commitment to Indian Customers which supersedes MNC standards. Our primary focus is to bring in world-class products to India to provide India-centric solutions that enable Indian organizations save their networking capital expenditure. Our years of commitment to quality and service, ensures our position amongst the "Top-5 Networking Brands" in India.

Other Dax Offering:

Access	Connectivity	 Go Placidly Dax Networks Limited No: 11, 2 nd Cross Street, Karpagam Gardens, Chennai – 600 020. Ph: 044-4292 3558 Fax: 044-4292 3567 E-mail: help@dax.in Website: www.daxnetworks.com An Apcom Company
Routers Wireless LAN Extenders Console & Device Servers Network Attached Storage	Switches Cabling Interface Converters & Modems RAS & Serial I/O IP Surveillance	