



PRODUCT SPECIFICATIONS

CONVERGENT
CONNECTIVITY
TECHNOLOGY

CAT-PAC

SH3065

- Description:** 23AWG Solid bare copper conductors, unshielded four twisted pairs, Category 6 Horizontal Cable. Six individually jacketed cables are cabled together and jacketed with an overall PVC jacket.
- Standards:** ANSI/TIA/EIA 568C.2 Category 6
- Ratings/Approvals:** NEC Article 800, UL Subject 444, Type CMR, C(ETL)US, RoHS Compliant
- Applications:** Supports all category 6 applications including Ethernet 100BASE-TX, 100BASE-VG and 155 ATM. Particularly suited for high bandwidth application such as 622 ATM, Wideband, Ethernet 1000BASE-T and emerging applications with anticipated data rates to 3.2 Gbps.

CONSTRUCTION

- Conductor:** 23 AWG Solid Bare Copper
- Number of Conductors or Pairs:** 4 Pair
- Insulation Colors:** Blue paired with White/Blue
Orange paired with White/Orange
Green paired with White/Green
Brown paired with White/Brown
- Inner Jacket Material:** Polyvinyl Chloride
- Nominal Individual Cable Diameter:** 0.240 in. (6.096 mm.)
- Inner Jacket Colors:** Blue or Per Customer Requirement
- Inner Jacket Print:** Each Cable labeled every 2 feet with leg identifier
- Construction Type:** Six individually jacketed cables are cabled around a central filler.
- Overall Jacket Material:** Polyvinyl Chloride
- Overall Jacket Diameter:** 0.770 in. (19.558 mm.)
- Overall Jacket Print:** CAT-PAC DATAMEG-6 3147706 6XCAT6 CMR
C(ETL)US + Sequential Footage Marking

Issue Date: June '15 Revision: 5

THE STRONGEST LINK IN YOUR SUPPLY CHAIN

PHONE: 866-905-6744
FAX: 845-651-3564

Page 1 of 3

techsupport@cctcable.com



PO BOX 454
FLORIDA, NY 10921



PRODUCT SPECIFICATIONS

CONVERGENT
CONNECTIVITY
TECHNOLOGY

SH3065

CAT-PAC

ELECTRICAL & PHYSICAL PROPERTIES

Temperature Rating:	Installation: 0°C to 50°C Operation: -2°C to 60°C
Velocity of Propagation:	72%
Mutual Capacitance:	14 pF/ft Nominal
Capacitance Unbalance:	330 pF/R maximum
Maximum Conductor D.C.R.:	28.6Ω/1,000 ft
Maximum D.C.R. Unbalance:	5%
Maximum Delay Skew:	48.0 ns/100m
Characteristic Impedance:	From 0.772 MHz - 100 MHz: 100 ± 15% From 100 MHz - 250 MHz: 100 ± 22%
Minimum bend radius:	4 x O.D.
Nominal Overall Cable Weight:	285 lbs / 1,000 feet.

ELECTRICAL CHARACTERISTICS

Frequency	Return Loss	Insertion Loss	NEXT	PS-NEXT	ELFEXT	PS-ELFEXT	ACR	PS-ACR
MHz	dB(100M)	dB(100M)	dB(100M)	dB(100M)	dB(100M)	dB(100M)	dB(100M)	dB(100M)
	Minimum	Maximum	Minimum	Minimum	Minimum	Minimum	Minimum	Minimum
1	20.0	2.0	80.3	78.3	73.8	70.8	78.3	76.3
4	23.0	3.8	71.3	69.3	61.8	58.8	67.5	65.5
10	25.0	6.0	65.3	63.3	53.8	50.8	59.3	57.3
16	25.0	7.6	62.2	60.2	49.7	46.7	54.6	52.6
20	25.0	8.5	60.8	58.8	47.8	44.8	52.3	50.3
31.25	25.6	10.7	57.9	55.9	43.9	40.9	47.2	45.2
62.5	21.5	15.4	53.4	51.4	37.9	34.9	38.0	36.0
100	20.1	19.8	50.3	48.3	33.8	30.8	30.5	28.5
200	18.0	29.0	45.8	43.8	27.8	24.8	16.8	14.9
250	17.3	32.8	44.3	42.3	25.8	22.8	11.5	9.5

Issue Date: June '15

Revision: 5

THE STRONGEST LINK IN YOUR SUPPLY CHAIN



PHONE: 866-905-6744
FAX: 845-651-3564

Page 2 of 3

techsupport@cctcable.com

PO BOX 454
FLORIDA, NY 10921

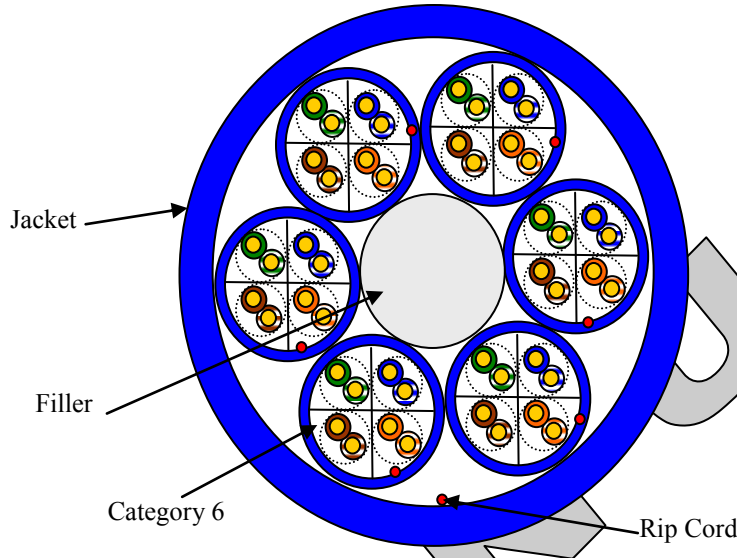


PRODUCT SPECIFICATIONS

CONVERGENT
CONNECTIVITY
TECHNOLOGY

SH3065

CAT-PAC



Note: While Convergent Connectivity Technology has made every reasonable effort to ensure the accuracy of the information in this document, Convergent Connectivity Technology does not guarantee that it is error-free, nor does Convergent Connectivity Technology make any other representation, warranty, or guarantee that the information is accurate, correct, reliable or current. Convergent Connectivity Technology reserves the right to make any adjustments to the information contained herein at any time without notice. Convergent Connectivity Technology expressly disclaims all implied warranties regarding the information contained herein, including but not limited to, any implied warranties of merchantability or fitness for particular purpose. The dimensions in this document are for reference purposes only and are subject to change without notice.

Your signature constitutes that you have read and agreed to this specification sheet and upon confirmation of your order; this item may be non-cancelable and non-returnable.

Signature: _____

Company: _____

Date: _____

Issue Date: June '15 Revision: 5

THE STRONGEST LINK IN YOUR SUPPLY CHAIN



PHONE: 866-905-6744
FAX: 845-651-3564

Page 3 of 3

PO BOX 454
FLORIDA, NY 10921

techsupport@cctcable.com