

# Everon™ Copper Datacom F/UTP 550/24, Category 6A, LSZH™/FRNC, Dca 4P, Green, 500m



**Part Number:**  
**MCXEDE-DD047-V004-L6**

+<9 EJ9FCB S CCDD9F D5H57CA F/, + ( 550/24 756I9 -G  
89G-; B98 ID HC 550% N 5B8 HGF5BGA:GG-CB  
7<5F57H9F-GH7G 9L7998 C5H9; CFM 6A GD97-:75H-CBG  
577CF8-B; HC E&50288-10-1 IEC 61156-5.

=; < GMGH9A A5F;-BG :CF H<9 7CADH9H B? 577CF8-B; HC H<9  
H5GH J9FG-CB C: !\* ' /IEC 11801 5B8 E& 50173 (\*9F-9G) K:H  
69 57<-9J98 6M IG-B; 7CFF9GDCB8-B; <5F8K5F9 HC; 9H<9F  
K:H< H<-G <-; <9B8 7CDD9F 756I9.

+<9 756I9 <5G 5 GHF95A H-B98 7CBGHF I7H-CB 5B8 HCK K9-; <H.

' J9F5H G<-9I8-B; K:H< K:H< 5 A:H5A-B5H98 :C:H 5B8 957<  
HK-GH98 D5-F IBG<-9I898 (F/, + ( ). +<9 756I9 G5H-G:-9G C:H5GG  
B -BH9F:9F9B79 F58-5H-CB GH5B85F8G 577CF8-B; HC E& 55022,  
5G K9H 5G -A A IB:H 577CF8-B; HC E& 55024, K<-7< 9B56I9G  
H<9 F95H-N5H-CB C: CE-7CAD5H-6I9 B9HKCF?G.

**F95H I F9G 5B8 B9B9:H G**

F/, + ( 550/24 756I9 89G-; B98 ID HC 550 % N

F I:H G 5H F9E I-F9A9BHG C: 75H9; CFM E&50288-10-1 5B8 IEC  
61156-5

\* I:H56I9 :CF C:H5GG9 D HC EA 577CF8-B; HC !\* ' /IEC 11801.  
E&50173 5B8 10 G-; 56H EH<9FB9H 577CF8-B; HC !EEE  
802.35B

+9GH98 5B8 5DDFCJ98 :CF (CK9F CJ9F EH<9FB9H 5DDH:75H-CBG  
( (CE/(CE+/4 ( (CE) 577CF8-B; HC !EEE 802.35.; EEE  
802.35H 5B8 EEE 802.36H ID HC 90 .

\$CK GAC?9 5B8 <5I C; 9B-:F99 (\$ \* 1 )

' J9F5H G<-9I8-B; K:H< K:H< 5 A:H5A-B5H98 :C:H 5B8 957<  
HK-GH98 D5-F IBG<-9I898 (F/, + ( )

\$9B; H< A5F?-B; CB >57?9H

D75-G2,82,51

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\* D97-:75H-CBG

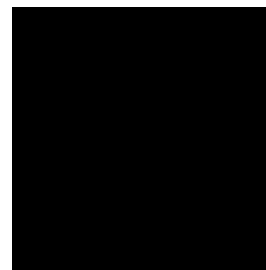
General Specifications	
CCBGHF I 7H-CB	*-AD!9L, 4 (
\$9; 57M (5FH & I A69F	- ' \$6AF\$4500
EBJ-FCBA9BH	!B8CCF
C5H9; CFM	6A
C56!9 HMD9	F/, + (
B5B8K:8H<	550 % N
5!C; 9B-:F99	09G
) 957H-CB HC :-F9	D75, G2, 82, 51

Mechanical Characteristics	
F-F9 !C58	710 %"/A
&CA-B5! C I H9F 8-5A9H9F	7 AA
%-B. 69B8 F58-IG -BGH5!!5H-CB	8L C56!9-T
%5L-A I A H9BG-!9 GHF9B; H<	90 &

Ordering Information	
(FC8 I 7H & I A69F	%C/EDE-DD047--004-\$6
\$9B; H<	500 A
. 9-; <H	48 ?;
(57?-B; HMD9	DF I A

Environmental Conditions	
+9AD9F5H I F9 F5B; 9, -BGH5!!5H-CB	0 PC HC 50 PC
+9AD9F5H I F9 F5B; 9, CD9F5H-CB	-20 PC HC 60 PC

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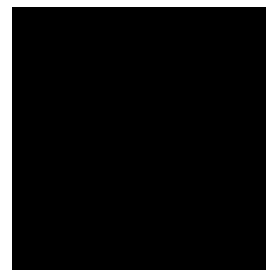


Cable Design	
CCB817HCF	A . G 24
CCB817HCF -BG1#5#CB	5#C ; 9B - :F99 :C5A -G?-B A5#9F-5#
+K-G#B ;	2 7CF9G HC 5 D5-F
' I#9F >57?9# A5#9F-5#	\$*1 S
' I#9F >57?9# 7C#C1F	GF99B

Electrical Characteristics	
CCB817HCF F9G-G#5B79 1B65#5B79	2 %
D9#5M G?9K	40 BG/100 A
%5L. #CCD F9G-G#5B79	190 U/?A
( FCD5 ; 5#CB 89#5M	520 BG/A
-C#5 ; 9 F5#B ;	\$9GG #<5B 75 - 8.7 A5L 5B8 #9GG #<5B 50 - 5.7 A5L
* IF:579 #F5BG:9F -AD985B79	10 AU
( FCD5 ; 5#CB J9#C7#M 5# >10 % N (& - (*7)	78 %
CC1D#B ; 5#9B15#CB	55 8B
!BG1#5#CB ) 9G-G#5B79	> 5000 %U.?A

Standards	
)C *	FF99 C: <5N5F8CIG G16G#5B79G 577CF8-B; HC )C * 2011/65/E ,
ADDFCJ5#G 5B8 \$-G#B ; G	IEC 61156-5; E& 50288-6-1, !* ' /IEC 11801 E8. 2.2; E& 50173-1, A& *!/+!A-568-C-2; IEC 60304, E& 50288-10-1, !* ' /IEC 11801 E8. 2.2; E& 50173-1, A& *!/+!A -568-C-2; IEC60304
D9G=: B AB8 +9GH CF#9F-5	CCAD#5B# K#< ( CE / ( CE++ !EEE 802.35; !EEE 802.35#!EEE 802.3 5B 1000 B5G9-+
F#5A9 DFC5 ; 5#CB #9GH	F#5A9 F9#5F85B# 577CF8-B; HC IEC 60332-1 5B8 E& 50265-2-1
* AC?9 89BG#M	IEC 61034-2
5#C ; 9B 7CB#9B# #9GH	19FC 5#C ; 9B HC IEC 60754-1
\$9J9# C: 7CFFCG=CB	&CB-7CFFCG=J9 577CF8-B; HC IEC 60754-2

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Electrical Characteristics								
FF9E I 9B7M 2% N3	4	10	20	63	100	250	500	550
A#9B I 5#CB 577CF8-B; HC *#5B85F8 286/ 100A3	3.8	5.93	8.38	14.99	19.14	31.1	45.26	47.7
+MD-75# 5#9B I 5#CB 286/ 100A3	3.6	5.5	7.9	14.5	18.5	30.0	43.0	50.0
&E / + 577CF8-B; HC *#5B85F8 286/ 100A3	66.27	60.3	55.78	48.36	45.3	39.3	34.82	34.19
+MD-75# &E / + -5# I 9G 286/ 100A3	71.0	65.0	61.0	53.0	50.0	44.0	40.0	39.0
AC ) -& 577CF8-B; HC *#5B85F8 286/ 100A3	55.96	48.0	41.98	32.08	28.0	8.3	14.02	13.19
+MD-75# AC ) -& -5# I 9G 286/ 100A3	78.0	70.0	64.0	54.0	50.0	45.0	40.0	39.0



CCFB-B; ' D#75# CCA A I B-75#CBG GA6 & CC. #G Q \$9#DN-; 9F \*#F5GG9 121 Q 10117 B9#B, G9FA5BM  
+00 800 2675 4641 Q FA / : +49 30 5303 2335 Q [KKK.7CFB-B; .7CA/CD7CA A/9A95](#)

A 7CAD#9#9 #G#B; C: #<9 #F589A5F?G C: CCFB-B; ' D#75# CCA A I B-75#CBG -G 5J5-#56#9 5# KKK.7CFB-B; .7CA/CD7CA A/9A95/#F589A5F?G. CCFB-B; ' D#75#  
CCA A I B-75#CBG -G ! \* ' 9001 5B8 ! \* ' 14001 79##:-98. R 2022 CCFB-B; ' D#75# CCA A I B-75#CBG. A# F-; <#G F9G9FJ98.