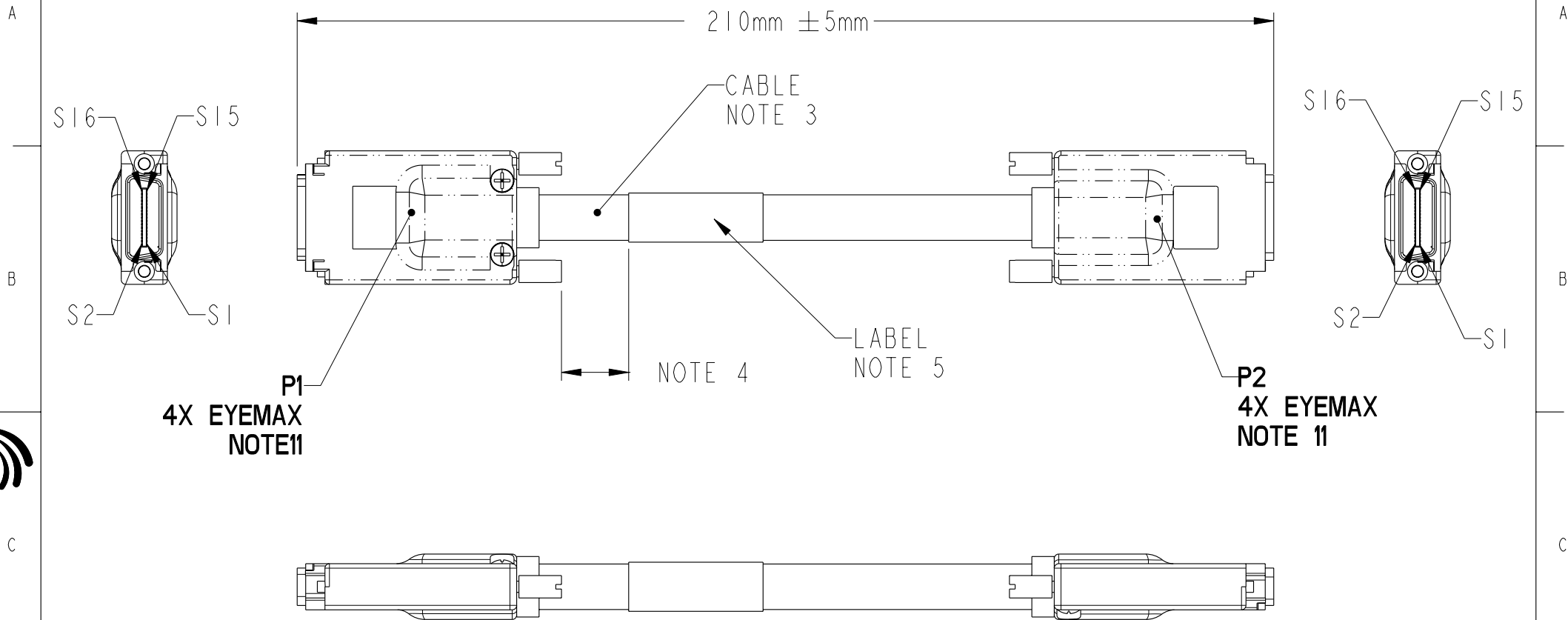





PRODUCT NUMBER
SEE NOTE 3
10078310-XXXXXAXLF



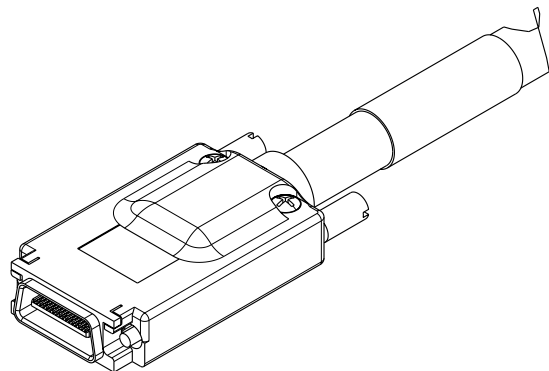
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rev	ecn no	dr	date
A	M07-0193	MHT	2006-04-18
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com			surface - ✓		tolerance std - -		projection 		MM 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	M.HERNANDEZ	2007-04-18	ANGULAR		LINEAR		0.X	±.	size A4	Scale 4:5
Eng	J.DUARTE	2007-04-18					0.XX	±.010		
Chr	J.DUARTE	2007-04-18	0°	±0°			0.XXX	±.	ECN	M07-0193
Appr	J.DUARTE	2007-04-18	Product family					C&A	Spec ref -	
			title 4X EYEMAX W/THUMBSCREWS				dwg no 10078310		Rev. A	
			ITALTEL							
			catalog no -				CUSTOMER		sheet 1 of 3	

REV F - 2006-04-17

PRODUCT NUMBER
SEE NOTE 3
10078310-XXXXXAXLF



4X EYEMAX CONNECTOR WITH THUMBSCREWS
ISOMETRIC VIEW

PIN OUT/WIRING LIST
SEE NOTE 6

P1		P2	
PIN NUMBER	WIRE ID	PIN NUMBER	WIRE ID
S1	IBtxlp(0)	S16	IBtx0p(0)
S2	IBtxln(0)	S15	IBtx0n(0)
S3	IBtxlp(1)	S14	IBtx0p(1)
S4	IBtxln(1)	S13	IBtx0n(1)
S5	IBtxlp(2)	S12	IBtx0p(2)
S6	IBtxln(2)	S11	IBtx0n(2)
S7	IBtxlp(3)	S10	IBtx0p(3)
S8	IBtxln(3)	S9	IBtx0n(3)
S9	IBtx0n(3)	S8	IBtxln(3)
S10	IBtx0p(3)	S7	IBtxlp(3)
S11	IBtx0n(2)	S6	IBtxln(2)
S12	IBtx0p(2)	S5	IBtxlp(2)
S13	IBtx0n(1)	S4	IBtxln(1)
S14	IBtx0p(1)	S3	IBtxlp(1)
S15	IBtx0p(0)	S2	IBtxlp(0)
S16	IBtx0n(0)	S1	IBtxln(0)
G1-G9	GROUND	G1-G9	GROUND

	title		4X EYEMAX W/THUMBSCREWS		dwg no	10078310		Rev. A
	ITALTEL							
	catalog no		-		CUSTOMER		sheet 2 of 3	

PRODUCT NUMBER
SEE NOTE 3

10078310-XXXXXAXLF

NOTES:

1 MATING RECEPTACLE DRAWING 10054523-001LF

② UNLESS OTHERWISE SPECIFIED ASSEMBLED LENGTH TOLERANCE
CABLE LENGTH: 210mm \pm 5mm

③ PART NUMBER DESCRIPTION: PENDING
10078310-X XX XX A X LF

SIGNAL WIRE
GAGE (AWG)
M: 24 AWG
N: 26 AWG
P: 28 AWG
R: 30 AWG

LEAD FREE (SEE NOTE 10)

E: EQUALIZED
U: UN-EQUALIZED

HARDWARE TYPE
A: THUMBSCREW

OVERALL LENGTH OF CABLE
XXXX : XX METERS. XX CENTIMETERS
EXAMPLES OF XXXX:
0046: 0 METERS 46 CENTIMETERS
0850: 8 METERS 50 CENTIMETERS

EXAMPLE: 10078310-P0021AULF = 28 AWG, 21 CM, THUMBSCREW. UNEQUALIZED, LEAD FREE.

④ UNLESS OTHERWISE SPECIFIED LABEL POSITION SHALL BE APPROXIMATELY 50mm FROM REAR OF CONNECTOR

⑤ LABEL DETAILS;
-MANUFACTURER CODE OR NAME
-CUSTOMER PIN OR FCI PIN
-FCI PART NUMBER
-DATE CODE WW/YY FORMAT
-HIGH SPEED CABLE
-COUNTRY ORIGIN

FONT SHALL BE CLEARLY VISIBLE AND BLACK IN COLOR.

⑥ ALL CABLE ASSEMBLIES SHALL BE TESTED 1001 FOR CONTINUITY AS DEFINED
IN WIRING LIST.

7. UNLESS OTHERWISE SPECIFIED ALL CABLE ASSEMBLIES SHALL BE 100% HI-POT TESTED BY APPLYING
300V FOR MINIMUM OF 10ms, UNLESS ACTIVE COMPONENTS ARE USED IN THIS ASSEMBLY.

8. OTHER TESTING PERFORMED AS REQUIRED BY PRODUCT SPECIFICATION:GS-12-216.

9. CABLE ASSEMBLIES SHALL WITHSTAND AN AXIAL LOAD OF 171bs/75N
AT A RATE OF 25.4mm PER MINUTE, DURATION OF 1 (ONE) HOUR, WITHOUT DAMAGE TO
CABLE OR CONNECTOR. CABLE PRODUCT SPECIFICATION: GS-12-216
CONNECTOR PRODUCT SPECIFICATION: GS-12-209

⑩ LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES
AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

LEAD FREE SOLDER TAIL PLATING 2 μ m (80 μ) MIN. MATTE TIN
OVER 1.27 μ m (50 μ) MIN. NICKEL UNDERPLATE.
PACKAGING OF LEAD FREE PRODUCTS MEETS LABELING AND PACKAGING SPECIFICATION
GS-14-920.

⑪ CONNECTOR ASSEMBLIES SHOWN ARE FOR REFERENCE ONLY AND MAY NOT SHOW ALL PART
DETAIL. REFERENCE CONNECTOR ASSEMBLY DRAWINGS FOR COMPLETE DETAILS.

12. GLOBAL STANDARDS FOR CABLE PACKAGING: GS-14-1093.

⑬ MATERIALS:
CABLE: FULLY SHIELDED. 8 DIFFERENTIAL PAIRS
COVERS: ZINC ALLOY WITH NICKEL OVERPLATE
CABLE COLLARS: PLASTIC
PLUG ASSEMBLIES: THERMOPLASTIC AND COPPER ALLOY
THUMBSCREWS: STAINLESS STEEL
PCB BOARD: FR4 FIBERGLASS



title	4X EYEMAX W/THUMBSCREWS	dwg no	10078310	Rev.	A
catalog no	-	CUSTOMER	sheet 3 of 3		