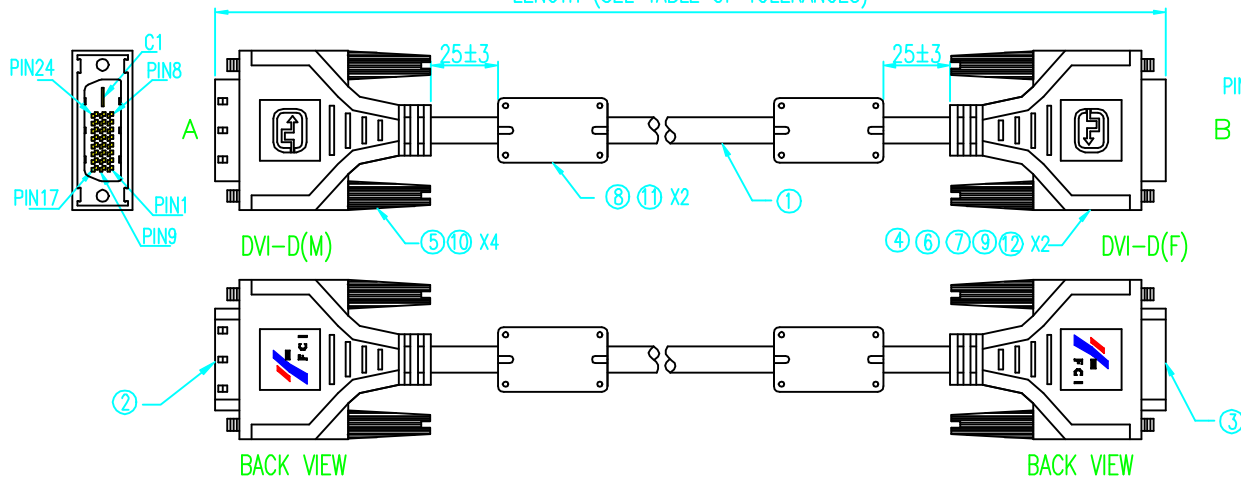


PRODUCT NO.

54490-CVWXP

LENGTH (SEE TABLE OF TOLERANCES)



TOLERANCES

L<2m	±30mm
2m<L<5m	±50mm
L>5m	±100mm

WIRING LIST

PAIR NO.	A	ASSIGNMENT	COLOR	B
TP-1	1	DATA2-	WHITE	1
	2	DATA2+	RED	2
TP-I	3	DATA2/USB SHIELD	SHIELD	3
	4	USB-	WHITE	4
	5	USB+	GREEN	5
TP-A	6	DDC CLOCK	RED	6
	7	DDC DATA	BLACK	7
TP-2	9	DATA1-	WHITE	9
	10	DATA1+	BLUE	10
TP-3	11	DATA1/AES SHIELD	SHIELD	11
	12	AES-	WHITE	12
	13	AES+	BLACK	13
	14	+5V POWER	RED	14
	15	DDC GND	ORANGE/BLACK	15
	16	HOT PLUG DETECT	BROWN/YELLOW	16
TP-4	17	DATA0-	WHITE	17
	18	DATA0+	BROWN	18
	19	DATA0 SHIELD	SHIELD	19
TP-B	20	+12V POWER	WHITE	20
	21	+12V POWER	BLUE	21
TP-5	22	CLOCK SHIELD	SHIELD	22
	23	CLOCK+	GREEN	23
	24	CLOCK-	WHITE	24
	SHELL	GROUND	SHIELD	SHELL

NOTES:

- CRITICAL TWISTED PAIRING REQUIRED IS IDENTIFIED IN THE "PAIR NO." COLUMN OF WIRING LIST BY A "TP" FOLLOWED BY THE PAIR NUMBER.
- ELECTRICAL TEST:
CONNECTION RESISTANCE < 1.5 ohm
HIPOT VOLTAGE 300 V
INSULATION RESISTANCE > 100M ohm
DURATION PER NET 10 ms
- ELECTRICAL CHARACTERISTICS:
1.) DIFFERENTIAL IMPEDANCE: 100±10 ohm AT TDR.
2.) TIME DELAY: 4.6 ns/m MAX. 70 PS DIFFERENTIAL RISETIME
3.) INTRA-PAIR SKEW: 70.0 PS MAX. 75 PS DIFFERENTIAL RISETIME
4.) ATTENUATION(MAX):
AT 1MHz 0.033dB AT 10MHz 0.130dB
AT 50MHz 0.253dB AT 100MHz 0.328dB
AT 200MHz 0.492dB AT 400MHz 0.689dB
AT 600MHz 0.853dB AT 800MHz 0.984dB
5.) CROSSTALK: 4% MAX TDT MEASUREMENT 250 PS DIFFERENTIAL RISETIME
- PART NO. DESCRIPTION:

54490-C VWX P

CABLE COLOR OPTION:
B: BLACK
G: GRAY
W: BEIGE

PLATED OPTION:
A: GOLD FLASH
B: 15u
C: 30u

VWX LENGTH SPECIFICATION:
V: LENGTH IN METERS
W: LENGTH IN 1/10 METERS
X: LENGTH IN 1/100 METERS

12	OVERMOLD	PVC	AR
11	FERRITE MOLDED	PVC	AR
10	SCREW MOLDED	PVC	AR
9	TAPE TEFLONE		AR
8	FERRITE CORE	IMPEDANCE: 50MHZ: 100±10 ohm MIN 100MHZ: 120±10 ohm MIN	2PCS
7	SHRINK TUBE	BLACK, Ø3.0mm	AR
6	SHRINK TUBE	BLACK, Ø1.0mm	AR
5	SCREW	#4-40UNC	4PCS
4	SHELL	OPTIONAL DIMENSIONS: Ø9.5mm	2PCS
3	DVI-D	FEMALE	1PC
2	DVI-D	MALE	1PC
1	CABLE	[(1P+28AWG+D+AL+TRANSPARENT Mylar)*5+(1P*28AWG+D+AL+TRANSPARENT Mylar)*1+2P*28AWG+3C*28AWG+F]+AL+B, OD=8.8±0.15	AR
NO.	DESCRIPTION	MATERIAL	Q'TY

mat'l. code				tolerances unless otherwise specified				CUSTOMER		ELECTRONICS	
ltr	ecn no	dr	date	linear	.X ±.3	projection	COPY	FCI		www.fciconnect.com	
A	N10239	SHENW	12/06/01	angles	.XX ±.13 .XXX ±.051 0° ±2°	mm		DVI CABLE ASS'Y		DVI-DIGITAL MALE TO DVI-DIGITAL FEMALE	
				dr	MANDY TENG 12/06/01	scale		product family		CABLE ASS'Y	
				enr	MANDY TENG 12/06/01	size		dwg no		NONGTONG	
				chr	MANDY TENG 12/06/01			A3		54490	
				appd	CL SHEN 12/06/01					sheet	
sheet index	revision	sheet	A							1 of 1	