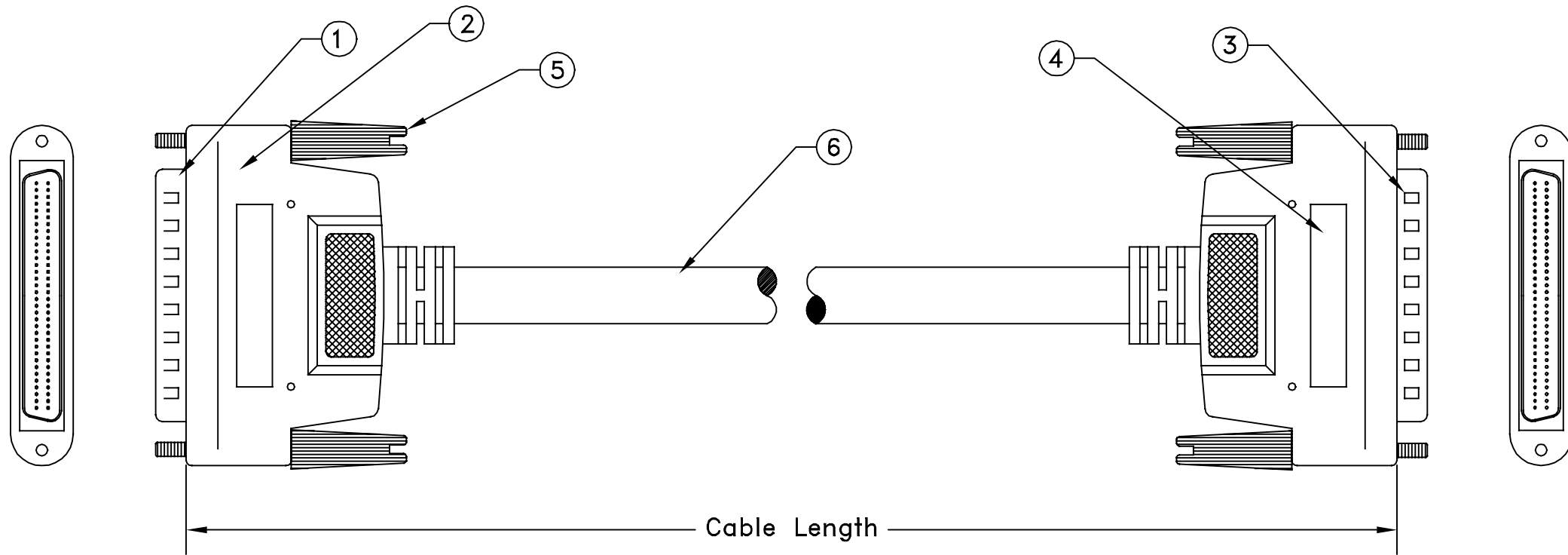




REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	New Release	12/15/00	H.T.



PART NO.	CABLE LENGTH
10P2-39103	3 ft.
10P2-39106	6 ft.

ITEM NO.	MATERIAL / SPECIFICATION	QTY REQD	UNIT
6.	(Wire Specification See Page 3)	XX	ft.
5.	2/56 Molded Thumbscrew, Color Black	4	PCS.
4.	Black Molded PVC Hood, Fully Shielded w/Copper Foil	1	PCS.
3.	HPDB68 Male w/Gold Plating contacts	1	PCS.
2.	Black Molded PVC Hood, Fully Shielded w/Copper Foil	1	PCS.
1.	HPDB68 Male w/Gold Plating contacts	1	PCS.
CABLE ASSEMBLY PARTS LIST			

UNLESS OTHERWISE SPECIFIED:
 1. DIMENSION ARE IN INCHS
 2. TOLERANCES:
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CUSTOMER	
CUSTOMER APPROVAL	
DRAWN	DATE
Howie Tseng	12/15/00
CHECKED	

268 Benton Ct.
 Industry, CA 91789
 Tel.: 909-468-5737, Fax: 909-468-5726

TITLE **SCSI U3W LVD Cable Assembly**
 (HPDB68, Male / Male, 34 TP, LVD, Color Black)

SIZE	FSCM NO.	DWG NO.	REV
	10P2-391	10P2-391XX	A

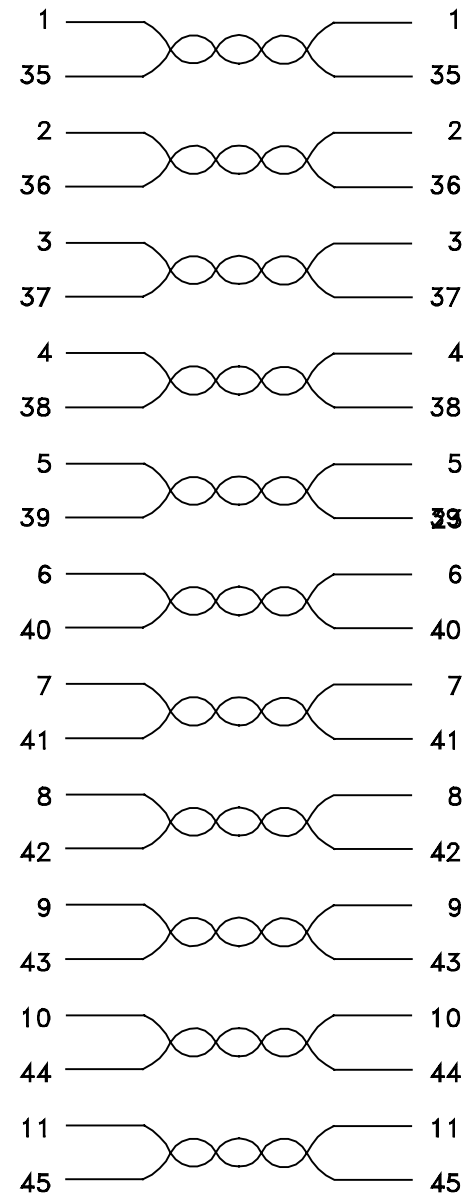
SCALE NONE Release Date: 12/15/00 SHEET 1 OF 3



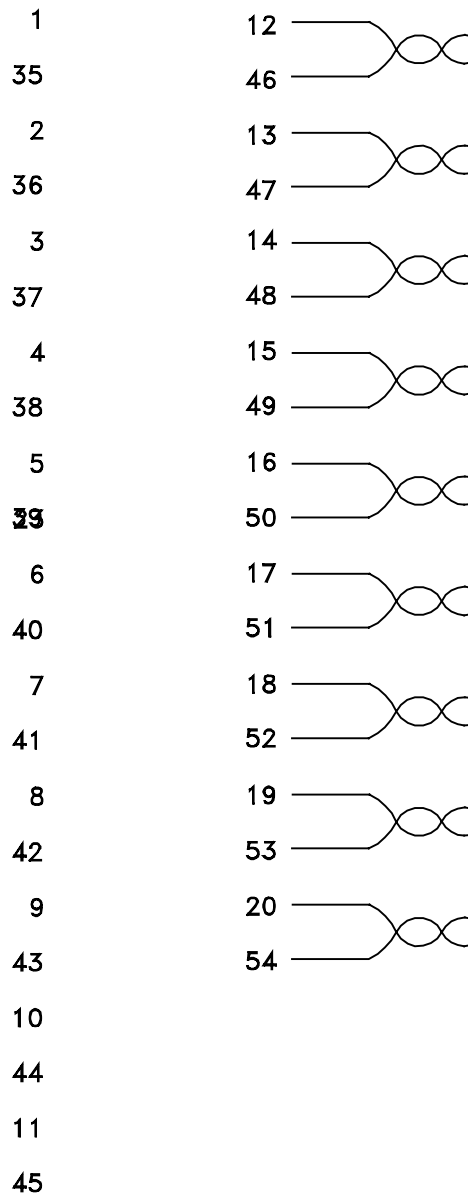


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
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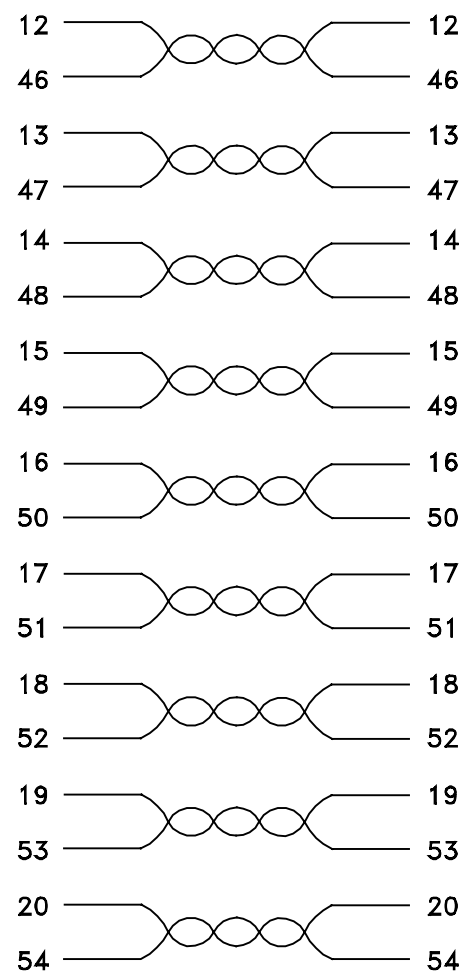
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MALE



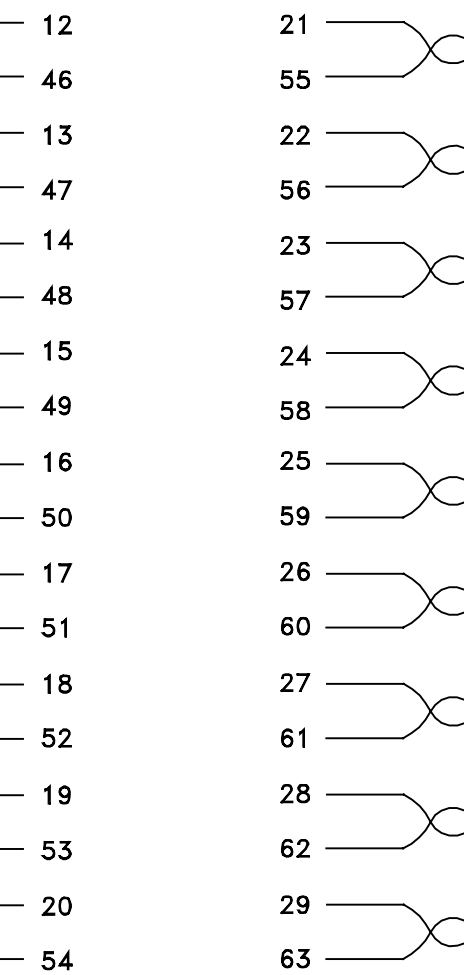
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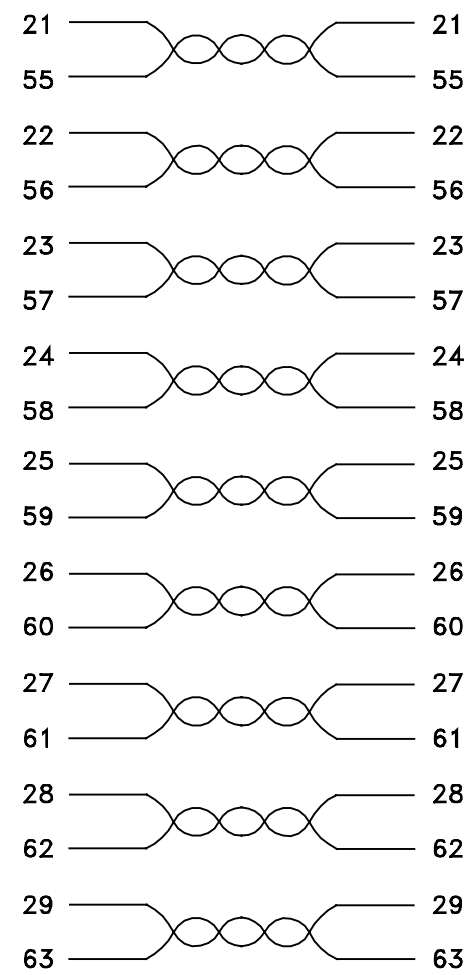
HPDB68
MALE



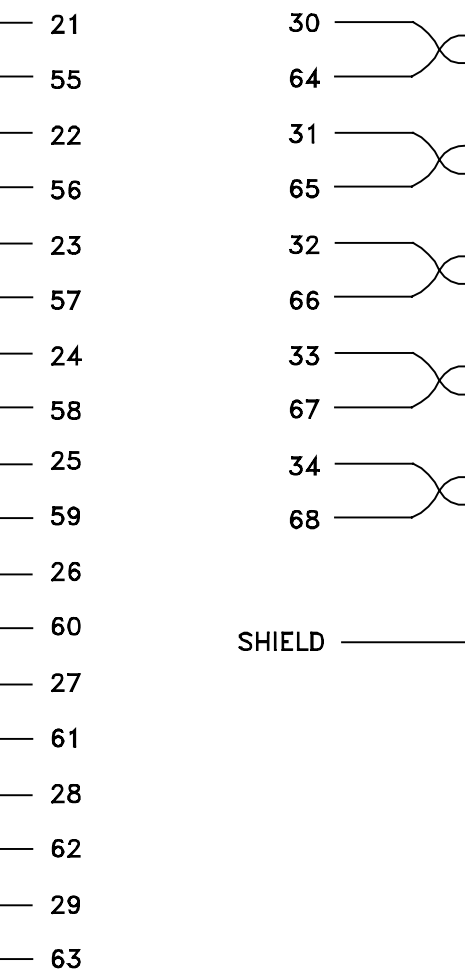
HPDB68
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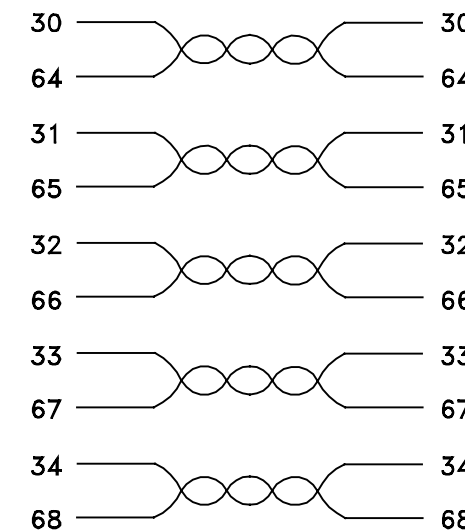
HPDB68
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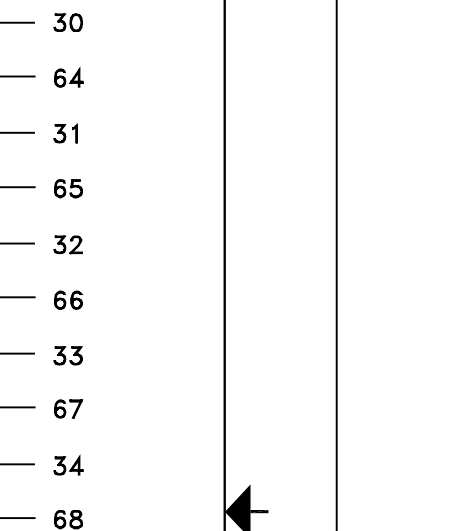
HPDB68
MALE



HPDB68
MALE



HPDB68
MALE



SHIELD ————— SHIELD



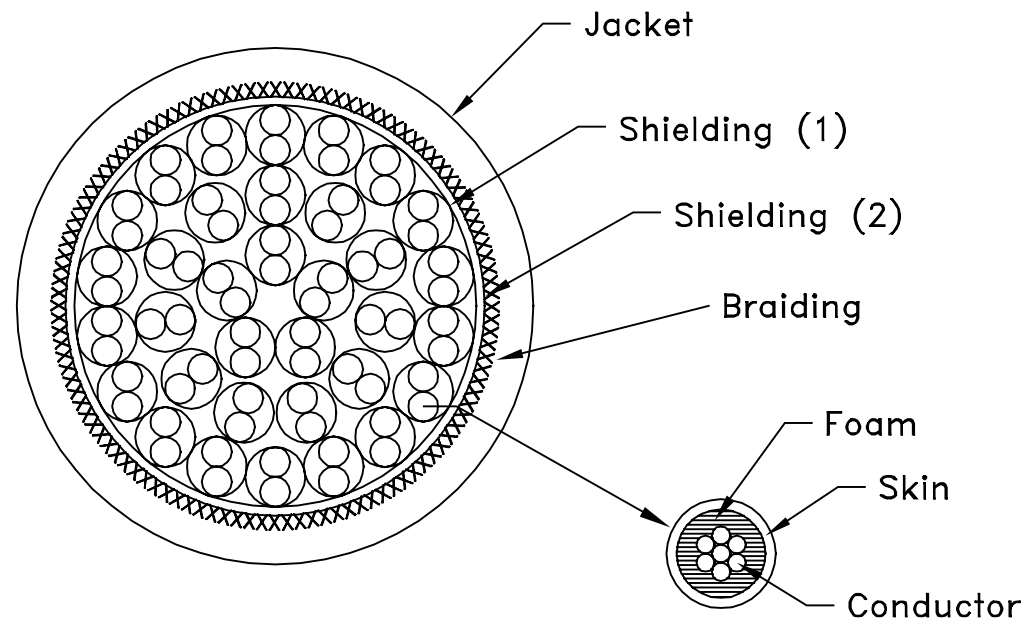
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CUSTOMER APPROVAL	
DRAWN Howie Tseng	DATE 12/15/00
CHECKED	

		268 Benton Ct. Industry, CA 91789		Tel.: 909-468-5737, Fax: 909-468-5726	
		TITLE SCSI U3W LVD Cable Assembly (HPDB68, Male / Male, 34 TP, LVD, Color Black)			
SIZE	FSCM NO. 10P2-391	DWG NO. 10P2-391XX	REV A		
SCALE NONE	Release Date: 12/15/00	SHEET 2 OF 3			





REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	New Release	12/15/00	H.T.

ELECTRICAL PROPERTIES	
Conductor Resistance	Max. 376 ohms/km at 20°C
Insulation Resistance	Min. 100 mega ohms-km at 20°C
Dielectric Test	500 VAC/1 min; No Breakdown
Balance Capacitance	Nom. 33 Pf/m
Balance Impedance	Nom. 135 ±10 ohm
Unbalance Impedance	Nom. 90±6 ohm (pair 1 & 2)
	Nom. 90±10 ohm (All other Pair)
Time Delay	Nom. 1.45 ± 0.03 ns/ft.
Time Delay Skew	Nom. 0.035 ns/ft. Maximun
Attenuation: Differential	Nom. 0.022 db/ft at 5Mhz
	Nom. 0.032 db/ft at 10 Mhz
	Nom. 0.045 db/ft at 20 Mhz
Elongation & Tensile Strength	Elongation
	Teinsile Strength
Test on Jacket	↓
	↓
Unaged	Min. 100% Min. 1500 PSI
After Aging(113±1°C;7days)	65% min. of the unaged value 70% min. of the unaged value
Heat Shock Test on Jacket	No Cracks (121±1°C, 1 Hour, Mandral O.D 19 mm; For 6 Turns)
Deformation Test on Jacket	Reducing 50% Max. (113±1°C; 1 Hour, Load 500g)
Cold Bend Test on Jacket	No Cracks (-10 ± 1 °C; 1 Hour; Mandrel O.D. Two times the completed cable O.D. for 6 Turns)
Flame Test on Completed Cable	Passes VW-1 vertical flame test Specified in UL Subject 758

I T E M		DESCRIPTION
Conductor	No. of Cond.	34 Pairs
	Material	30AWG., 7 Strands / 0.10±0.008 mm Tinned Copper Wire Stranded
Insulation	Material	Foamed Polyethyiene + Skin
	Nom. Diameter	0.72 ±0.05 mm
Shielding(1)	Material	No Woven Fabrics (0.20 mm thick; 40 mm wide) Spirally Wrapped
	Coverage	100% coverage with 25% overlapping
Shielding(2)	Material	Aluminum Mylar (0.025 mm thick; 24 mm wide) Spirally Wrapped
	Coverage	100% coverage with 25% overlapping
Braiding	Material	24 Carriers / 10 Strands / 0.12 mm Tinned Copper Wire; 85% coverage
Jacket	Material	80°C PVC
	Nom. thickness	0.5 mm
	Nom. Diameter	9.9 ±0.2 mm
Marking: E74020 AWM STYLE 20276 80°C 30V VW-1 DER AN		

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CUSTOMER			268 Benton Ct. Industry, CA 91789 Tel.: 909-468-5737, Fax: 909-468-5726	
CUSTOMER APPROVAL	TITLE SCSI U3W LVD Cable Assembly (SCSI LVD Wire Specification)			
DRAWN Howie Tseng	DATE 12/15/00	SIZE 10P2-391	FSCM NO. 10P2-391	DWG NO. 10P2-391XX
CHECKED	SCALE NONE		Release Date: 12/15/00	SHEET 3 OF 3