

CABLE TYPES AND TERMINATION

NO.	FROM	MATING CONNECTOR	CABLE TYPE	MATING CONNECTOR	TO	REMARKS
W2	C-3698/URA-38 J2	10-109628-21P	MULTICONDUCTOR MSCA-37 TYPE (33 ACTIVE)	10-109628-21S	CU-938/ URA-38 J2	SEE CHART FOR PIN CONNECTIONS CHART FOR PIN CONNECTIONS
W4	CU-938/URA-38 E1	---	TMC PART NO. WL 106-1	---	ANTENNA TERMI- NATION	MAXIMUM LENGTH 36 INCHES, 12 INCHES PREFERRED.

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	Ø	ORIGINAL RELEASE FOR PRODUCTION	9-11-67	Ø	RG	HP
	A	ON CBL TYPES CHART, "To" Col., J2 WAS J1 SEE SHEETS 1 & 3	10-13-67	18541	HEB	EFM
	B	SEE SHEET 1	2-7-68	18758	HEB	EFM
	C	REV. & UPDATED	10/8/68	19067	HEB	EFM

CABLE W2 PIN CONNECTIONS

WIRE SIZE	FROM CONNECTOR TYPE	TO CONNECTOR TYPE	REMARKS
22	10-109628-21P	10-109628-21S	
	PIN A	PIN A	Ø DISC OUTPUT
	B	B	Ø DISC REFERENCE
	C	C	SPARE
	D	D	R DISC OUTPUT
	E	E	R DISC REFERENCE
	F	F	GROUND
	G	G	L MOTOR ON
	H,J,K,U	H,J,K,U	C MOTOR, HOME (+), TUNE (-)
	L	L	FAR END STOP
	M	M	C POSITION
	N	N	C MOTOR ON
	P,R,S,c	P,R,S,c	C MOTOR, TUNE (+), HOME (-)
	T	T	RESET
	V,W	V,W	L MOTOR, HOME (+), TUNE (-)
	X	X	L MOTOR BRAKE
	Z	Z	L POSITION
	a,b	a,b	L MOTOR, TUNE (+), HOME (-)
	d	d	C MOTOR BRAKE
	e	e	+ 12.4 VDC
	f	f	OVERLOAD
	g	g	BYPASS
	h	h	+ 28 VDC
	i	i	ARC DETECTOR
	j	j	FAN (60 CPS)
	k	k	FAN (400 CPS)
	m	m	FAN COMMON
	n	n	SPARE
	p	p	SPARE
	r	r	SPARE
	s	s	SPARE

QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL		
	STURMER LIST OF MATERIAL					
	FINAL APPROVAL	DATE	<b>THE TECHNICAL MATERIEL CORP.</b> MAMARONECK, NEW YORK  <b>RADIO TELEPHONE AND RADIO TELEGRAPH</b>  <b>CABLE ASSEMBLY</b> FOR AVONDALE SHIPYARD INC.			
	MECH. DES.	DATE				
	ELECT. DES.	DATE				
	CHECKED	DATE				
	DRAWN	DATE				
	MATERIAL		SIZE	CODE IDENT.NO.	DWG NO.	ISSUE
	FINISH		C	82679	SYM-678368	C
			SCALE	SHEET 2 OF 3		

QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
CODE		
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