

REV02 2011

1. APPLICATION

THIS DOCUMENT DEFINES CABLE ASSEMBLY METHOD FOR TM21P-88P.

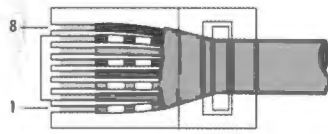
2. PLUG WIRING TOOL

	TOOL NAME	TOOL CL. NO.
HAND TOOL	HT601/TM21P-88P	CL902-2133-1

N.B → "Terminate the Ethernet cable according to EIA/TIA 568B STANDARD"



- 1 White/Orange
- 2 Orange/White
- 3 White/Green
- 4 Blue/White
- 5 White/Blue
- 6 Green/White
- 7 White/Brown
- 8 Brown/White



EIA/TIA-568B

COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
5	DIS-E-003548	YH. MAMADA	RI. TAKAYASU	10.12.20
名 称 TITLE				
TM21P-88P CABLING MANUAL				
		APPROVED	RI. TAKAYASU	10.12.07
		CHECKED	YH. ENAMI	10.12.07
		CHARGED	YH. MAMADA	10.12.07
		WRITTEN	YH. MAMADA	10.12.07
		ETAD-E2945		
		1 8		

Form 412-1

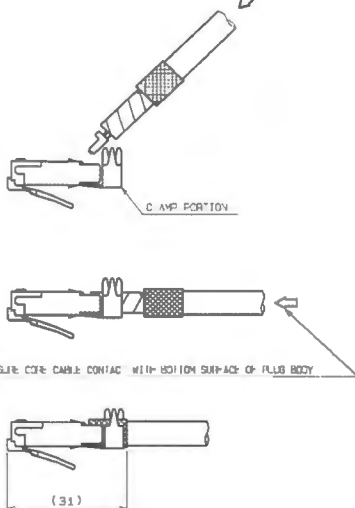
3. CABLE ASSEMBLY METHOD

PROCEDURE	WORK CONTENTS
1. CABLE END TREATMENT	1-1. STRIP OF OUTER JACKET STRIP OUTER JACKET NOT TO CRACK INSULATION CONDUCTOR. (20mm) 1-2. CUT OF BRAIDED SHIELD + ALUMINIUM FOIL SHIELD POLYETHYLENE TAPE 1-3. CUT OF POLYETHYLENE TAPE IF PRESENT ONLY CUT OF POLYETHYLENE TAPE
2. CORE CABLE FORMING	2-1. DRESS STRAIGHT OF TWISTED PAIR CABLE CORE CABLE TO BE DRESSED STRAIGHT WITH NO BUDGE TO END OF OUTER JACKET. GROUND WIRE MUST BE FOLDED AS SHOWN. 2-2. SPRED CORE CABLE SPREAD CORE CABLE ACCORDING TO CONNECTOR PIN ASSIGNMENT.

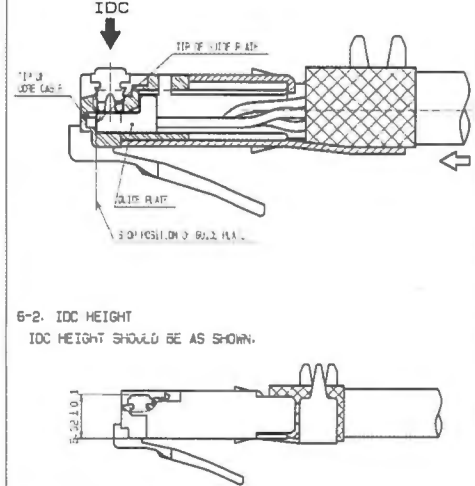
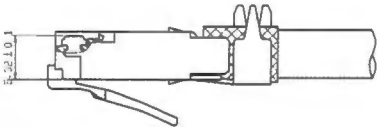
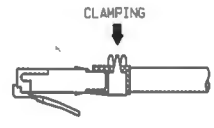
Form 213-a

PROCEDURE	WORK CONTENTS
3. CABLE ARRANGEMENT	3-1. ARRANGEMENT OF CORE CABLE ARRANGE CORE CABLE ACCORDING TO CONNECTOR PIN ASSIGNMENT. 3-2. DRESS ALL EXCESS CORE CABLE (1) DRESS ALL EXCESS CORE CABLE. EASY INSTALL GUIDE PLATE. (15mm) 3-3. INSTALL GUIDE PLATE INSTALL GUIDE PLATE WITH A CLEARANCE OF 3~5mm FROM THE END OF OUTER JACKET. SHOULD BE NO DEFORMATION OF GUIDE PLATE.
4. CABLE AND TREATMENT (2)	4-1. STRIP OUTER JACKET STRIP OUTER JACKET WITH A CLEARANCE OF 14±1mm FROM GUIDE PLATE. REMAIN SHIELD. ⚠

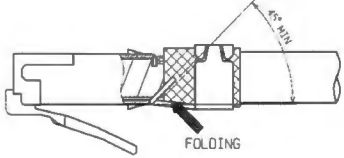
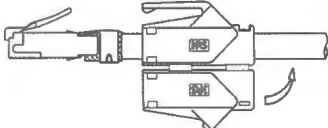
PROCEDURE	WORK CONTENTS
	4-2. FOLD THE BRAIDED SHIELD. FOLD THE BRAIDED SHIELD FROM EDGE OF OUTER JACKET. 4-3. DRESS ALL EXCESS CORE CABLE (2) DRESS ALL EXCESS CORE CABLE WITH A CLEARANCE OF 0.5mm FROM TIP TO GUIDE PLATE.

PROCEDURE	WORK CONTENTS
5. INSTALL GUIDE PLATE INTO PLUG BODY	INSTALL GUIDE PLATE AS SHOWN SO THAT GUIDE PLATE DOES NOT CONTACT CLAMP PORTION. PUSH GUIDE PLATE INTO BOTTOM SURFACE OF PLUG BODY. 

FORM 213-2

PROCEDURE	WORK CONTENTS
6. IDC TERMINATION	6-1. CAUTION OF IDC TERMINATION CHECK IF CORE CABLE CONTACT WITH BOTTOM SURFACE OF PLUG BODY AND ASSEMBLY BY HIROSE IDC TOOLING. WHEN ASSEMBLY, PUSH CABLE TIGHT AS SHOWN.  6-2. IDC HEIGHT IDC HEIGHT SHOULD BE AS SHOWN. 
7. CABLE CLAMPING AND FOLDING GROUND PLATE	7-1. CABLE CLAMPING CLAMP BY HIROSE CLAMPING TOOLING. CABLE CLAMP HEIGHT C/H : 6.5~6.9mm CABLE TENSILE FORCE 78.4N (8kg) MIN 

FORM 213-2

PROCEDURE	WORK CONTENTS
8. ATTACHMENT OF COVER	7-2. FOLDING GROUND PLATE GROUND PLATE TO BE FOLDED AS SHOWN. FOLDED AT 45 DEGREE OR MORE.  8-1. ASSEMBLY OF COVER ATTACH COVER TO CABLE, AND SNAP COVER.  8-2. INSTALL COVER INSTALL SNAPPED COVER INTO PLUG BODY. 

PROCEDURE	WORK CONTENTS
8-3. CAUTION WHEN INSTALLING COVER	GROUND LATCH MUST LOCK WITH HOLE COMPLETELY. SHOULD BE NO EXCESS COPPER TAPE FROM COVER. CHECK IF LOCK LEVER CAN BE MOVED PUSHING COVER LOCK. 