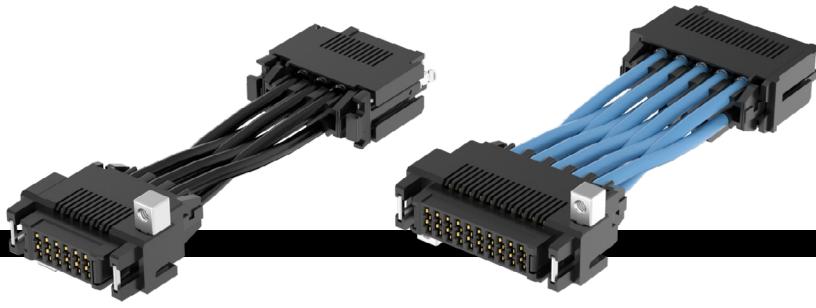


mPOWER®

ULTRA MICRO CABLE-TO-CABLE



SERIES	NO. OF POSITIONS	PLATING OPTION	WIRE GAUGE	LENGTH	PINOUT
UMPI = Ultra Micro PVC Cable	-02, -03, -04, -05, -06, -07, -08, -09, -10	-L = 10 μ " (0.25 μ m) Gold on contact, Tin on tail	-16 = 16 AWG	"XX.X" = Assembled Length in Inches	(Leave blank for Single ended)
UMPI = Ultra Micro Blue *Teflon™ Fluoropolymer Cable		-T = Tin	-16C = 16 AWG Color Coded Cable (not available with UMPI)	Single ended = (76.2 mm) 03.0" min.	-M1 = Metal Latch Pin 01 to Pin 01
UMPI(T) Cable Mates: UMPE(T) End 2 Mates: UMPE(T), UMPT			-18 = 18 AWG	Double ended = (101.6 mm) 04.0" min. (2-4 positions)	-M2 = Metal Latch Pin 01 to Pin N
			-18C = 18 AWG Color Coded Cable (not available with UMPI)	Double ended = (127.0 mm) 05.0" min. (5-10 positions)	-P1 = Plastic Latch Pin 01 to Pin 01
					-P2 = Plastic Latch Pin 01 to Pin N
SPECIFICATIONS					
Insulator Material: Black LCP					
Contact Material: Copper Alloy					
Plating: Sn or Au over 50 μ " (1.27 μ m) Ni					
Wire: 16 or 18 AWG					
Current Rating: 16 AWG Tin = 18.5 A per pin 18 AWG Tin = 17.5 A per pin 16 AWG Gold = 22.5 A per pin					
Voltage Rating: 445 VAC/629 VDC					
UMPI CABLE HOLDER (Required for use with IMPC)					
NUMBER OF POSITIONS		LEAD STYLE			
IMPC	-02, -03, -04, -05, -06, -07, -08, -09, -10	01 = 16 AWG 02 = 18 AWG			
View complete specifications at: samtec.com?UMPI & samtec.com?UMPI					

IMPC	NO. OF POSITIONS	LATCH OPTION	CC489	01	PLATING	PACKAGING
	-02, -03, -04, -05, -06, -07, -08, -09, -10	-P1 = Panel Mount			-L = 10 μ " (0.25 μ m) Gold on contact, Tin on tail	-R = Full Reel (5,000 Contacts)
					-T = Tin	-M = Mini Reel (1,000 Contacts)
						-B = Bubble Bag (35 Contacts)
TOOLING						
Hand Tool: CAT-HT-489-1618-13				Mini Applicator: CAT-MC-489-1618-XX-01		
View complete specifications at: samtec.com?IMPC & samtec.com?CC489						

Note:
Some lengths, styles and options are non-standard, non-returnable.