

10G ETHERNET CONNECTOR SOLUTIONS FOR CRYSTAL GROUP RUGGED SWITCH

PIC Wire & Cable partnered with Crystal Group to integrate the MACHFORCE® D38999 style data connector for their RCS7750-48CM network switch. PIC Wire & Cable's MACHFORCE connector is a D38999 style high-speed 10G Ethernet connector engineered to provide the following switch benefits:

- Ten 10G Ethernet ports to maximize data density and optimize space
- Quick termination and field repairable with quick access to terminated wires and standard 22D pins, sockets and tools
- Anti-decoupling ring allows for easy connect and disconnect with gloved hand

Crystal Group's high-data density networking switch features five MACHFORCE connectors for a total of 48 10G Ethernet ports. The rugged switch is a stackable, robust LAN solution for small or medium applications that require fail-safe operation in the harshest environments.

MACHFORCE assemblies are customizable and designed to meet an application's unique requirements. Proper cable assembly is critical to optimizing the full benefits of interconnect technology. PIC Wire & Cable's internal assembly facility provides certified and tested assembly sets to simplify the installation process.

Assembly Part Number Builder

Accelerate the procurement process by building a custom MACHFORCE part number with design details that meet an application's specific requirements.

CONNECTOR

PRODUCT	MF	Family: MACHFORCE	MF	3825	F	S	W	N	EC	
SHELL TYPE	3825	D38999 – Size 25								
SHELL STYLE	F	Flange Mount Receptacle*	P	Straight Plug						
CONTACT	S	Sockets (Flange Only)	P	Pin (Plug Only)						
PLATING	W	Cadmium Olive Drab	Z	Black Zinc Nickel						
KEY POSITION DETAIL	N	80	142	196	293	C	66	140	200	257
	A	135	170	200	310	D	62	145	180	280
	B	49	169	200	244					
CABLE TYPE	EC	24 AWG Ethernet (E6A6824)	ED	26 AWG Ethernet (E6A6826)						

*¼" Mounting Nut Plates Available

BACKSHELL

PRODUCT	MF	Family: MACHFORCE	MF	3825	SP	W	S	BC
SHELL TYPE	3825	D38999 – Size 25						
STYLE	SP	Standard Profile Sealed	LP	Low Profile Unsealed				
PLATING	W	Cadmium Olive Drab	Z	Black Zinc Nickel				
ANGLE	S	Straight						
CABLE TYPE	BC	24 AWG Ethernet (E6A6824)	BD	26 AWG Ethernet (E6A6826)				