



Cylindrical Plug and Receptacle Connectors

The Omega Advantage Technology

The C48 (Omega) Series is a family of connectors qualified to MIL-C-26500. While maintaining the MIL-C-26500 mating interface, this product has also been expanded to include qualifications to numerous Boeing specifications to satisfy general purpose requirements and unique product challenges for shielding, environmental sealing, fluid resistance, and vibration. The expanded Cinch C48 product family offers numerous product options qualified to Boeing high performance requirements and product solutions developed for alternate termination styles/low-profile packaging.



Key Features

- Full performance in extreme environments
- Wide variety of configurations

Qualifications

- Mil-C-26500; USAF Specification
- BACC45; Boeing General Purpose Connector
- BACC63; Boeing High Performance Connector

Certified Quality Management System

- ISO9001
- AS9100
- Certificate of Compliance
- BQMS D6-82479 Approved

C48 Omega Product Parameters

Military Designation	MS24264 Square Flange Receptacle, MS24265 Single-Hole Mounting Receptacle, MS24266 Straight Plug
Boeing Designation	BACC45FS, BACC45FT, BACC45FM, BACC45FN, BACC63CB, BACC63CC, BACC63BP, BACC63BV, BACC63BN
Shell Size	8, 10, 12, 14, 16, 18, 20, 22, 24, 28
Contact Style	Pin or Socket
Coupling Style	Bayonet or Threaded



Parts and Configurations

Shell Size 8	
	
2#20 contacts Insert 8-2(Y)	3#20 contacts Insert 8-3(Y)

Shell Size 10		
		
2#20 contacts Insert 10-2(Y)	2#16 contacts Insert 10-20	5#20 contacts Insert 10-5(Y)

Shell Size 12	
	
3#16 contacts Insert 12-3	12#20 contacts Insert 12-12(Y)

Shell Size 14				
				
2#16 contacts 1#2 shielded contact Insert 14-3	4#12 contacts Insert 14-4†	7#16 contacts Insert 14-7	9#20 contacts 3#16 contact Insert 14-12(Y)	15#20 contacts Insert 14-15(Y)

Shell Size 16	
	
10#16 contacts Insert 16-10	24#20 contacts Insert 16-24(Y)

Shell Size 18			
			
8#12 contacts Insert 18-8†	10#16 contacts 1#2 shielded contact Insert 18-11	14#16 contacts Insert 18-14	31#20 contacts Insert 18-31(Y)

Shell Size 20				
				
16#16 contacts Insert 20-16	19#20 contacts 6#12 contacts Insert 20-25†(Y)	24#20 contacts 4#12 contacts Insert 20-28†(Y)	37#20 contacts 2#16 contacts Insert 20-39†(Y)	41#20 contacts Insert 20-41(Y)

Shell Size 22				
				
12#12 contacts Insert 22-12†	19#16 contacts Insert 22-19	26#20 contacts 6#12 contacts Insert 22-32†(Y)	55#20 contacts Insert 22-55(Y)	27#20 contacts 12#16 contacts Insert 22-39(Y)

Shell Size 24				
				
23#20 contacts 20#16 contacts Insert 24-43(Y)	2#12 contacts 55#20 contacts Insert 24-57†(Y)	61#20 contacts Insert 24-61(Y)	29#16 contacts Insert 24-29(Y)	30#16 contacts Insert 24-30

Shell Size 28

42#16 contacts Insert 28-42