Omega C48 Series
Cylindrical Plug & Receptacle Connectors

The Cinch Advantage

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, BACC63B
Shell Size	8, 10, 12,14,16, 18, 20, 22, 24, 28
Contact Style	Pin or Socket
Coupling Style	Bayonet or Threaded

![cinch CONNECTIVITY SOLUTIONS a bel group]

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

30#16 contacts
Insert 24-30

Shell Size 28

42#16 contacts
Insert 28-42

Mouser Electronics

Authorized Distributor

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[Cinch Connectivity Solutions](#):

MS24264R14T7SY-LC   MS24264R20B41S6   MS24264R22B55S6   MS24264R22B55SN   MS24264R24B57SY-LC
MS24264R8B2S7-LC   MS24264R8B2SN-LC   MS24264R8B3P7-LC   MS24264R8B3S7-LC   MS24264R8T3SN
MS24265R12T12SN   MS24265R12T12SN-LC   MS24265R12T3PN   MS24265R12T3PN-LC   MS24265R12T3SN-LC
MS24265R14T15PN-LC   MS24265R14T4PN-LC   MS24265R18T14PN-LC   MS24265R18T14SN-LC
MS24265R18T8PN-LC   MS24265R8T2SN-LC   MS24265R8T3PN-LC   MS24266R10B5S6-LC   MS24266R10B5SN
W/CLAMP   MS24266R10B5SN-LC   MS24266R10B5SY   MS24266R10T5S6   MS24266R10T5S7   MS24266R10T5S9
MS24266R10T5S9-LC   MS24266R10T5SY   MS24266R14B3S8-LC   MS24266R14B3S9-LC   MS24266R14B7S6-LC
MS24266R14B7SN-LC   MS24266R18B11S9-LC   MS24266R22B12PN-LC   MS24266R22B19PN-LC
MS24266R22B55S7   MS24266R22B55S7-LC   MS24266R22B55S8   MS24266R22B55S8-LC   MS24266R22B55S9-LC
MS24266R22B55SN-LC   MS24266R22B55SY   MS24266R22B55SY-LC   MS24266R22T55S6   MS24266R22T55S6-LC
MS24266R22T55S7   MS24266R22T55S7-LC   MS24266R22T55S8   MS24266R22T55S8-LC   MS24266R22T55S9
MS24266R22T55S9-LC   MS24266R22T55SN   MS24266R22T55SN-LC   MS24266R22T55SY   MS24266R22T55SY-LC
MS24266R24B57S6-LC   MS24266R24B57S9-LC   BACC45FM12-12P10H   BACC45FM12-12P6H   BACC45FM12-
12P7H   BACC45FM12-12P8H   BACC45FM12-12P9H   BACC45FM12-12PH   BACC45FM14-7S10H   BACC45FM14-
7S6H   BACC45FM14-7S7H   BACC45FM14-7S8H   BACC45FM14-7S9H   BACC45FM14-7SH   BACC45FN10-20S7H
BACC45FN10A5S   BACC45FN10A5S6   BACC45FN10C5S   BACC45FN12-12P10   BACC45FN12-12P10H
BACC45FN12-12P7   BACC45FN12-12P7H   BACC45FN12-12P9   BACC45FN12-12P9H   BACC45FN14-7S10H
BACC45FN14-7S6H   BACC45FN14-7S7H   BACC45FN14-7S9H   BACC45FN20A25S   BACC45FN20A28P6
BACC45FN20A39P   BACC45FN22C19P   BACC45FN24-61P10   BACC45FN24-61P10H   BACC45FN24-61P6
BACC45FN24-61P6H   BACC45FN24-61P7   BACC45FN24-61P7H   BACC45FN24-61P8   BACC45FN24-61P8H
BACC45FN24-61P9   BACC45FN24-61P9H