

# CABLE ASSEMBLIES



FOR ACCELEROMETERS, SENSORS & MEMS

## QUALITY CABLE ASSEMBLIES

FAST AND COMPETITIVE!


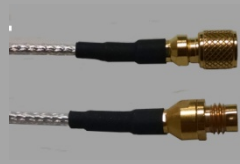


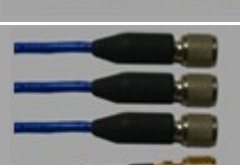
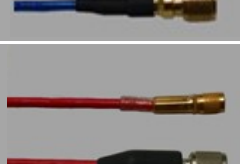
With more than 30 years experience in the interconnect and cable assembly business, MILSPECWEST is the best choice for high quality, competitive cable assemblies for your accelerometer, sensor, MEMS and mil-spec requirements. This includes standard and low noise coax cables and 28 – 32 AWG FEP and PTFE multi-conductor cables. By utilizing our own MSW Micro Products connectors, we are able to provide quick turnaround on the full range of standard and special accelerometer cables. Many of these standard assemblies are detailed here, however, this does not represent all of the capabilities that MILSPECWEST has to offer. Contact [sales@milspecwest.com](mailto:sales@milspecwest.com) for an immediate response to any of your cable assembly requirements.



| MSW PN   | CONNECTOR(S)                           |        | CONNECTOR(S)                           | CABLE                                  | DYTRAN CROSS-REF*             | PCB CROSS-REF* | PHOTO   |
|----------|--|--------|--|--|-------------------------------|----------------|---|
| P5001-** | COAX PLUG<br>5-44<br>MSW-CX544         | T<br>O | COAX PLUG<br>10-32<br>MSW-CX1032       | COAX CABLE<br>RG196AU                  | 6014A                         | +++            |  |
| P5002-** | 4 SOCKET PLUG<br>1/4-28<br>MSW-G-B-04S | T<br>O | 4 SOCKET PLUG<br>1/4-28<br>MSW-G-B-04S | 4 COND. 30 AWG<br>FEP JACKET, 0.74 DIA | 6041C , 6808A<br>6877A, 6041A | +++            |  |

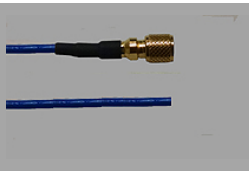
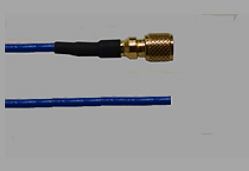




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\* CONTACT FACTORY TO CHECK FOR VARIANCES IN CABLE SPECIFICATIONS

| MSW PN   | CONNECTOR(S)                              |        | CONNECTOR(S)                           | CABLE  | DYTRAN CROSS-REF*  | PCB CROSS-REF* | PHOTO   |
|----------|---|--------|--|--|--|----------------|---|
| P5003-** | 4 SOCKET PLUG<br>1/4-28<br>MSW-G-B-04S    | T<br>O | SOCKET PLUG<br>1/4-28<br>MSW-G-B-04S   | 4 COND. 28 AWG<br>FEP JACKET, 0.100 DIA                      | 6041C  | 010D**         |    |
| P5004-** | 4 PIN RECEPTACLE<br>1/4-28<br>MSW-G-R-04P | T<br>O | 4 SOCKET PLUG<br>1/4-28<br>MSW-G-B-04S | 4 COND. 30 AWG<br>FEP JACKET, 0.074 DIA                      | 6333A  | 010D**         |    |
| P5005-** | 4 PIN PLUG<br>1/4-28<br>MSW-G-R-04S       | T<br>O | 9 PIN<br>D-SUB / HOOD                  | 4 COND. 28 AWG<br>FEP JACKET, 0.100 DIA                      | 6636A  | +++            |    |
| P5006-** | 3 EA BNC PLUG<br>MSW-CXBNC                | TO     | SOCKET PLUG<br>1/4-28<br>MSW-G-B-04S   | RG196AU -<br>4 COND. 28 AWG<br>FEP JACKET, 0.100 DIA         | 6428A, 6430A<br>6801A, 6811A<br>6824A, 6937A<br>6925A, 6967A | 010G**         |   |
| P5007-** | 3 EA<br>COAX PLUG - 10-32<br>MSW-CX1032   | T<br>O | 4 SOCKET PLUG<br>1/4-28<br>MSW-G-B-04S | RG196AU LOW NOISE<br>4 COND. 28 AWG<br>FEP JACKET, 0.100 DIA | 6431A  | 034F**         |  |
| P5008-** | COAX PLUG<br>5-44<br>MSW-CX544            | T<br>O | COAX PLUG<br>10-32<br>MSW-CX1032       | COAX CABLE<br>32 OHM, PVC , 0.054<br>DIA                     | 6017A<br>6014A   | +++            |  |







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|----------|--|--------|---|---|---------------------------------------|----------------|---|
| P5009-** | 4 SOCKET PLUG<br>1/4-28<br>MSW-G-B-04S         | T<br>O | PIG TAIL                                  | 4 COND. 28 AWG<br>FEP JACKET, 0.100 DIA                 | 6854A, 6483A<br>6812A, 6830A<br>6982A | 010P**         |    |
| P5010-** | 4 SOCKET PLUG<br>1/4-28<br>MSW-G-B-04S         | T<br>O | PIG TAIL                                  | 4 COND. 30 AWG<br>FEP JACKET, 0.074 DIA                 | 6854A<br>6483A<br>6812A               | 010P**         |    |
| P5011-** | 4 PIN RECEPTACLE<br>1/4-28<br>MSW-G-R-04P      | T<br>O | 9 PIN<br>D-SUB / HOOD                     | 4 COND. 28 AWG<br>FEP JACKET, 0.100 DIA                 | 6636A                                 | +++            |    |
| P5012-** | 4 SOCKET PLUG<br>4.5mm X 0.035<br>MSWU-G-B-04S | T<br>O | 2 EA BNC PLUG<br>MSW-CXBNC                | 4 COND. 32 AWG<br>FEP JACKET, 0.072 DIA<br>- RG196AU    | 6776A                                 | +++            |   |
| P5013-** | 4 SOCKET PLUG<br>1/4-28<br>MSW-G-B-04S         | T<br>O | 3 EA<br>LEMO STYLE<br>FAA SINGLE PIN      | 4 COND. 30 AWG<br>FEP JACKET,<br>0.074 DIA -<br>RG196AU | 6793A                                 | +++            |  |
| P5014-** | 3 EA<br>SMB 50 OHM PLUG<br>MSW-CXSMB           | T<br>O | 4 PIN RECEPTACLE<br>1/4-28<br>MSW-G-R-04P | RG196AU -<br>4 COND. 30 AWG<br>FEP JACKET, 0.072 DIA    | 6873A                                 | +++            |  |







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|----------|--|--------|--|--|-------------------|----------------|---|
| P5015-** | 4 EA<br>LEMO STYLE<br>9 PIN PLUG               | T<br>O | 4 EA<br>SOCKET PLUG 1/4-28<br>MSW-G-B-04S      | 4 COND. 30 AWG<br>FEP JACKET<br>0.074 DIA            | 6883A             | +++            |    |
| P5016-** | 3 EA<br>BNC PLUG<br>MSW-CXBNC                  | T<br>O | 4 SOCKET PLUG<br>4.5mm X 0.035<br>MSWU-G-B-04S | RG196AU -<br>4 COND. 32 AWG<br>FEP JACKET, 0.072 DIA | 6893A             | 034K**         |    |
| P5017-** | 4 SOCKET PLUG<br>4.5mm X 0.035<br>MSWU-G-B-04S | T<br>O | MS3476L10-6P                                   | 4 COND. 32 AWG<br>FEP JACKET,<br>0.072 DIA           | 6948B             | +++            |    |
| P5018-** | 4 SOCKET PLUG<br>4.5mm X 0.035<br>MSWU-G-B-04S | T<br>O | MS3476L10-6P                                   | 4 COND. 28 AWG<br>FEP JACKET,<br>0.100 DIA           | +++               | +++            |   |
| P5019-** | 4 SOCKET PLUG<br>4.5mm X 0.035<br>MSWU-G-B-04S | T<br>O | 9 PIN<br>D-SUB / HOOD                          | 4 COND. 32 AWG<br>FEP JACKET,<br>0.072 DIA           | 6949A             | +++            |  |
| P5020-** | 4 SOCKET PLUG<br>4.5mm X 0.035<br>MSWU-G-B-04S | T<br>O | 9 PIN<br>D-SUB / HOOD                          | 4 COND. 28 AWG<br>FEP JACKET,<br>0.100 DIA           | +++               | +++            |  |

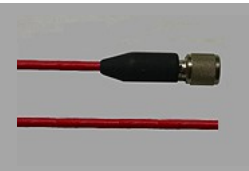
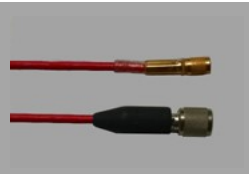




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| MSW<br>PN | CONNECTOR(S)                     |        | CONNECTOR(S)                                   | CABLE  | DYTRAN<br>CROSS-REF*             | PCB<br>CROSS-REF* | PHOTO   |
|-----------|----------------------------------|--------|--|--|----------------------------------|-------------------|---|
| P5021-**  | COAX PLUG 1032<br>MSW-CX1032     | T<br>O | 4 SOCKET PLUG<br>4.5mm X 0.035<br>MSWU-G-B-04S | RG196AU -<br>4 COND. 32 AWG<br>FEP JACKET, 0.072 DIA | 6975A                            | +++               |    |
| P5022-**  | LEMO STYLE<br>7 PIN PLUG         | T<br>O | 4 SOCKET PLUG<br>1/4-28<br>MSW-G-B-04S         | 4 COND. 30 AWG<br>FEP JACKET, 0.074 DIA              | 6978A                            | +++               |    |
| P5023-**  | BNC PLUG<br>MSW-CXBNC            | T<br>O | COAX PLUG<br>10-32<br>MSW-CX1032               | COAX CABLE<br>RG196AU                                | 6411A<br>6053A<br>6066A<br>6991A | 002C**            |    |
| P5024-**  | 4 EA<br>LEMO STYLE<br>SINGLE PIN | T<br>O | BNC PLUG<br>MSW-CXBNC                          | RG196AU -<br>4 COND. 30 AWG<br>FEP JACKET, 0.072 DIA | 6883A                            | +++               |   |
| P5025-**  | LEMO STYLE<br>9 PIN              | T<br>O | 4 SOCKET PLUG<br>1/4-28<br>MSW-G-B-04S         | 4 COND. 30 AWG<br>FEP JACKET, 0.072 DIA              | 6784A                            | +++               |  |
| P5026-**  | COAX PLUG<br>10-32<br>MSW-CX1032 | T<br>O | COAX PLUG<br>10-32<br>MSW-CX1032               | RG196AU  | 6026A<br>6016A<br>6010A<br>6024A | 002A**            |  |







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| MSW<br>PN | CONNECTOR(S)                     |        | CONNECTOR(S)                     | CABLE                 | DYTRAN<br>CROSS-REF* | PCB<br>CROSS-REF* | PHOTO   |
|-----------|----------------------------------|--------|----------------------------------|-----------------------|----------------------|-------------------|---|
| P5027-**  | COAX PLUG<br>10-32<br>MSW-CX1032 | T<br>O | PIGTAIL                          | RG196AU<br>LOW NOISE  | 6002A<br>6018A       | +++               |    |
| P5028-**  | COAX PLUG<br>5-44<br>MSW-CX544   | T<br>O | COAX PLUG<br>10-32<br>MSW-CX1032 | RG196AU<br>LOW NOISE  | 6025A                | 003G**            |    |
| P5029-**  | BNC PLUG<br>MSW-CXBNC            | T<br>O | BNC PLUG<br>MSW-CXBNC            | COAX CABLE<br>RG58AU  | 6020A<br>6426A       | 002T**            |    |
| P5030-**  | COAX PLUG<br>5-44<br>MSW-CX544   | T<br>O | BNC PLUG<br>MSW-CXBNC            | RG196AU<br>LOW NOISE  | 6056A                | 003P**            |   |
| P5031-**  | COAX PLUG<br>5-44<br>MSW-CX544   | T<br>O | PIGTAIL                          | RG196AU               | 6021A<br>6051A       | +++               |  |
| P5032-**  | LEMO STYLE<br>7 PIN PLUG         | T<br>O | BNC PLUG<br>MSW -CXBNC           | COAX CABLE<br>RG174AU | 6777A<br>6011A       | +++               |  |

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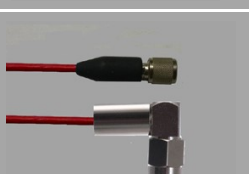

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| MSW<br>PN | CONNECTOR(S)                            |        | CONNECTOR(S)                           | CABLE  | DYTRAN<br>CROSS-REF*  | PCB<br>CROSS-REF* | PHOTO   |
|-----------|---|--------|--|--|-----------------------|-------------------|---|
| P5033-**  | 3 EA<br>LEMO STYLE<br>SINGLE PIN        | T<br>O | 4 SOCKET PLUG<br>1/4-28<br>MSW-G-B-04S | RG196AU -<br>4 COND. 30 AWG<br>FEP JACKET, 0.072 DIA | 6793A                 | +++               |    |
| P5034-**  | BNC PLUG<br>MSW-CXBNC                   | T<br>O | COAX PLUG<br>10-32<br>MSW-CX1032       | COAX CABLE<br>RG196AU LOW NOISE                      | 6019A, 6057A<br>6417A | 003C**            |    |
| P5035-**  | COAX PLUG<br>10-32<br>MSW-CX1032        | T<br>O | COAX PLUG<br>5-44<br>MSW-CX544         | RG196AU  | 6024A                 | +++               |    |
| P5036-**  | BNC JACK<br>MSW-BNCJ                    | T<br>O | COAX PLUG<br>10-32<br>MSW-CX1032       | COAX CABLE<br>RG196AU LOW NOISE                      | +++                   | 003B**            |   |
| P5037-**  | 2 EA<br>BNC PLUG<br>MSW-CXBNC           | T<br>O | 4 SOCKET PLUG<br>1/4-28<br>MSW-G-B-04S | RG196AU -<br>4 COND. 28 AWG<br>FEP JACKET, 0.100 DIA | 6431A<br>6828A        | 010F**            |  |
| P5038-**  | 2 EA<br>COAX PLUG - 10-32<br>MSW-CX1032 | T<br>O | 4 SOCKET PLUG<br>1/4-28<br>MSW-G-B-04S | RG196AU -<br>4 COND. 30 AWG<br>FEP JACKET, 0.072 DIA | 6777A<br>6011A        | +++               |  |

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| MSW<br>PN | CONNECTOR(S)                                   |        | CONNECTOR(S)                              | CABLE                                   | DYTRAN<br>CROSS-REF*    | PCB<br>CROSS-REF* | PHOTO   |
|-----------|--|--------|---|---|-------------------------|-------------------|---|
| P5039-**  | BNC PLUG<br>MSW-CXBNC                          | T<br>O | BNC PLUG<br>MSW-CXBNC                     | COAX CABLE<br>RG58AU - LOW NOISE        | 6048A                   | 003D**            |    |
| P5040-**  | COAX PLUG<br>5-44<br>MSW-CX544                 | T<br>O | BNC PLUG<br>MSW-CXBNC                     | COAX CABLE<br>RG196AU                   | 6040A                   | 002P**            |    |
| P5041-**  | COAX PLUG<br>10-32<br>MSW-CX1032               | T<br>O | PIGTAIL                                   | COAX CABLE<br>RG196AU                   | 6054A<br>6033A<br>6412A | +++               |    |
| P5042-**  | BNC JACK<br>MSW-CXBNCJ                         | T<br>O | COAX PLUG<br>10-32<br>MSW-CX1032          | COAX CABLE<br>RG196AU                   | 6032A                   | +++               |   |
| P5043-**  | COAX PLUG<br>10-32<br>MSW-CX1032               | T<br>O | 90 DEG COAX PLUG<br>10-32<br>MSW-CX1032RA | RG196AU                                 | 6032A                   | +++               |  |
| P5044-**  | 4 SOCKET PLUG<br>4.5mm X 0.035<br>MSWU-G-B-04S | T<br>O | PIG TAIL                                  | 4 COND. 32 AWG<br>FEP JACKET, 0.072 DIA | 6895A                   | +++               |  |

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|----------|---|--------|--|--|-------------------|----------------|---|
| P5045-** | BNC PLUG<br>MSW-CXBNC                                       | T<br>O | BNC PLUG<br>MSW-CXBNC                          | COAX CABLE<br>RG174  | 6089A             | +++            |    |
| P5046-** | COAX PLUG<br>10-32<br>MSW-CX1032                            | T<br>O | BNC PLUG<br>MSW-CXBNC                          | COAX CABLE<br>RG174  | 6093A             | +++            |    |
| P5047-** | 3 EA<br>BNC PLUG<br>MSW-CXBNC                               | T<br>O | 9 PIN<br>D-SUB / HOOD                          | RG196AU -<br>4 COND. 28 AWG<br>FEP JACKET, 0.100 DIA           | 6329A             | +++            |    |
| P5048-** | COAX PLUG<br>10-32<br>MSW-CX1032                            | T<br>O | COAX PLUG<br>10-32<br>MSW-CX1032               | COAX CABLE<br>RG174  | 6400A             | +++            |   |
| P5049-** | COAX PLUG<br>10-32<br>MSW-CX1032                            | T<br>O | COAX PLUG<br>10-32<br>MSW-CX1032               | RG196AU<br>LOW NOISE   | 6036A, 6013A      | 003A**         |  |
| P5050-** | COAX PLUG - 10-32<br>COAX PLUG - 10-32<br>COAX PLUG - 10-32 | T<br>O | 4 SOCKET PLUG<br>4.5mm X 0.035<br>MSWU-G-B-04S | RG196AU LOW NOISE<br>- 4 COND. 32 AWG<br>FEP JACKET, 0.072 DIA | +++               | 034H**         |  |

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