

# BWA SERIES RF CO-AXIAL CONNECTORS

The BWA series are converter adapters used for connecting connectors of different series.

- (1) Has mating portions compatible in materials and finish with the respective series.
- (2) Conforms in performance to the lower series of the two connectors to be connected.

## Converter adapter list

| Mating portion 1 |                 | Mating portion 2 |                | Part No.        | CL No.           | Remarks          | Shape         |        |
|------------------|-----------------|------------------|----------------|-----------------|------------------|------------------|---------------|--------|
| Series name      | Mating portion  | Series name      | Mating portion |                 |                  |                  |               |        |
| N                | P               | BNC              | P              | NP-BNCP(40)     | 311-0050-7-40    |                  | Fig.1         |        |
|                  |                 |                  | J              | JUG-201A/U(40)  | 311-0007-8-40    |                  | Fig.2         |        |
|                  |                 | M                | J              | NP-MJ(40)       | 311-0019-7-40    |                  | Fig.3         |        |
|                  |                 | S                | J              | N.P-S.J(40)     | 311-0245-6-40    |                  | Fig.4         |        |
|                  |                 | HRM              | P              | HRM-555S(40)    | 311-0125-4-40    |                  | Fig.5         |        |
|                  |                 |                  | J              | HRM-554S(40)    | 311-0123-9-40    |                  | Fig.6         |        |
|                  | J               | BNC              | P              | UG-349/U(40)    | 311-0004-0-40    |                  | Fig.7         |        |
|                  |                 |                  | J              | NJ-BNCJ(40)     | 311-0005-2-40    |                  | Fig.8         |        |
|                  |                 |                  |                | NJ-BNCJ-PA(40)  | 311-0014-3-40    | Panel-mount type | Fig.9         |        |
|                  |                 | M                | P              | NJ-MP(40)       | 311-0018-4-40    |                  | Fig.10        |        |
|                  |                 |                  | J              | NJ-MJ(40)       | 311-0011-5-40    |                  | Fig.11        |        |
|                  |                 | TNC              | P              | N.J-TNC.P(40)   | 311-0225-9-40    |                  | Fig.12        |        |
|                  |                 | HRM              | P              | HRM-553S        | 311-0121-3       |                  | Fig.13        |        |
|                  |                 |                  | J              | HRM-552S        | 311-0119-1       |                  | Fig.15        |        |
|                  |                 | BNC              | P              | M               | P                | BNCP-MP(40)      | 311-0062-6-40 |        |
| J                | BNCP-MJ(40)     |                  |                |                 | 311-0008-0-40    |                  | Fig.18        |        |
| S                | P               |                  |                | SP-BNCP(40)     | 311-0055-0-40    |                  | Fig.19        |        |
|                  | J               |                  |                | SJ-BNCP(40)     | 311-0060-0-40    |                  | Fig.20        |        |
| UM               | J               |                  |                | BNCP-UMJ(40)    | 311-0065-4-40    |                  | Fig.21        |        |
| MSS              | P               |                  |                | BNCP-MSSP(40)   | 311-0107-2-40    |                  | Fig.22        |        |
|                  | J               |                  |                | BNCP-MSSJ(40)   | 311-0082-3-40    |                  | Fig.23        |        |
| HRM              | P               |                  |                | HRM-519(40)     | 311-0101-6-40    |                  | Fig.24        |        |
|                  | J               |                  |                | HRM-518(40)     | 311-0100-3-40    |                  | Fig.25        |        |
| J                | UHF             |                  |                | P               | UG-273/U(40)     | 311-0003-7-40    |               | Fig.26 |
|                  | M               |                  |                | P               | BNCJ-MP(40)      | 311-0009-3-40    |               | Fig.27 |
|                  |                 |                  |                | J               | MJ-BNCJ(40)      | 311-0020-6-40    |               | Fig.28 |
|                  | S               |                  | P              | SP-BNCJ(40)     | 311-0058-9-40    |                  | Fig.29        |        |
|                  |                 |                  | J              | SJ-BNCJ(40)     | 311-0054-8-40    |                  | Fig.30        |        |
|                  | SJ-BNCJ-PA(40)  |                  |                | 311-0108-5-40   | Panel-mount type | Fig.31           |               |        |
|                  | TNC             |                  | J              | BNC.J-TNC.J(40) | 311-0194-7-40    |                  | Fig.32        |        |
|                  | UM              |                  | P              | BNCJ-UMP(40)    | 311-0052-2-40    |                  | Fig.33        |        |
|                  |                 |                  | J              | BNCJ-UMJ(40)    | 311-0053-5-40    |                  | Fig.34        |        |
|                  | BNCJ-UMJ-PA(40) |                  |                | 311-0103-1-40   | Panel-mount type | Fig.35           |               |        |
| MSS              | P               |                  | BNCJ-MSSP(40)  | 311-0081-0-40   |                  | Fig.36           |               |        |
|                  | J               |                  | BNCJ-MSSJ(40)  | 311-0066-7-40   |                  | Fig.37           |               |        |

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| Mating portion 1  |                  | Mating portion 2 |                   | Part No.         | CL No.                   | Remarks                        | Shape  |
|-------------------|------------------|------------------|-------------------|------------------|--------------------------|--------------------------------|--------|
| Series name       | Mating portion   | Series name      | Mating portion    |                  |                          |                                |        |
| BNC               | J                | HRM              | P                 | HRM-517(40)      | 311-0099-6-40            |                                | Fig.38 |
|                   |                  |                  | J                 | HRM-516(40)      | 311-0102-9-40            |                                | Fig.39 |
|                   |                  | POD              | P                 | BNCJ-PODP(40)    | 311-0160-5-40            |                                | Fig.40 |
|                   |                  |                  | J                 | BNCJ-PODJ(40)    | 311-0161-8-40            |                                | Fig.41 |
|                   |                  | PO6              | J                 | BNCJ-PO6J(40)    | 311-0167-4-40            |                                | Fig.42 |
| S                 | P                | HRM              | P                 | HRM-509(40)      | 311-0093-0-40            |                                | Fig.43 |
|                   |                  |                  | J                 | HRM-508(40)      | 311-0092-7-40            |                                | Fig.44 |
|                   | J                | HRM              | P                 | HRM-507(40)      | 311-0091-4-40            |                                | Fig.45 |
|                   |                  |                  |                   | HRM-512(40)      | 311-0098-3-40            | Panel-mount type               | Fig.46 |
|                   |                  |                  | HRM-512S(40)      | 311-0144-9-40    | Panel-mount type, S type | Fig.46                         |        |
|                   |                  |                  | HRM-506(40)       | 311-0090-1-40    |                          | Fig.47                         |        |
|                   |                  |                  | J                 | HRM-511(40)      | 311-0094-2-40            | Panel-mount type               | Fig.48 |
|                   |                  |                  |                   | HRM-511S(40)     | 311-0143-6-40            | Panel-mount type, S type       | Fig.48 |
| TNC               | J                | HRM              | J                 | HRMJ-TNCJ-PA(40) | 311-0202-3-40            | Panel-mount type               | Fig.49 |
| UM                | P                | HRM              | J                 | UM.P-HRM.J(40)   | 311-0176-5-40            |                                | Fig.50 |
|                   | J                | HRM              | J                 | HRMJ-UMJ(40)     | 311-0164-6-40            |                                | Fig.51 |
| HRM               | P                | POB              | P                 | HRMP-POBP-1(40)  | 311-0169-0-40            |                                | Fig.52 |
|                   |                  |                  | J                 | HRMP-POBJ        | 311-0152-7               |                                | Fig.53 |
|                   |                  | POD              | J                 | HRM.P-POD.J(40)  | 311-0177-8-40            |                                | Fig.54 |
|                   |                  | POD1             | J                 | HRMP-POD1J(40)   | 311-0253-4-40            |                                | Fig.55 |
|                   |                  | PO6              | J                 | HRMP-PO6J(40)    | 311-0172-4-40            |                                | Fig.56 |
|                   |                  | S,FL             | J                 | HRMP-S.FLJ-2(40) | 311-0249-7-40            | For inspecting harnesses parts | Fig.57 |
|                   |                  | H,FL             | J                 | HRMP-H.FLJ(40)   | 311-0232-4-40            | For inspecting harnesses parts | Fig.58 |
|                   |                  | HRMM             | P                 | HRMP-HRMMJ(40)   | 311-0250-6-40            |                                | Fig.59 |
|                   |                  |                  |                   | J                | HRMP-HRMMJ               | 311-0243-0                     |        |
|                   |                  |                  | HRMP-HRMMJ-LA(40) | 311-0226-1-40    |                          | Fig.61                         |        |
|                   |                  | J                | POB               | P                | HRMJ-POBP(40)            | 311-0151-4-40                  |        |
|                   | HRMJ-POBP-PA(40) |                  |                   |                  | 311-0206-4-40            |                                | Fig.63 |
|                   | J                |                  |                   | HRMJ-POBJ(40)    | 311-0149-2-40            |                                | Fig.64 |
|                   |                  |                  |                   | HRMJ-POBJ-PA(40) | 311-0150-1-40            |                                | Fig.65 |
|                   | POD              |                  | P                 | HRMJ-PODP(40)    | 311-0157-0-40            |                                | Fig.66 |
|                   | POD1             |                  | P                 | HRMJ-POD1P-1(40) | 311-0254-7-40            |                                | Fig.67 |
|                   | PO6              |                  | P                 | HRMJ-PO6P(40)    | 311-0173-7-40            |                                | Fig.68 |
|                   | PO51             |                  | P                 | HRMJ-PO51P(40)   | 311-0231-1-40            |                                | Fig.69 |
|                   | FL               |                  | P                 | HRMJ-FLP-1(40)   | 311-0195-0-40            |                                | Fig.70 |
|                   |                  |                  | J                 | HRMJ-FLJ(40)     | 311-0179-3-40            |                                | Fig.71 |
|                   | S,FL             |                  | P                 | HRMJ-S.FLP(40)   | 311-0218-3-40            |                                | Fig.72 |
|                   | H,FL             |                  | P                 | HRMJ-H.FLP-3(40) | 311-0264-0-40            |                                | Fig.73 |
|                   | HRMM             | P                | HRMJ-HRMMJ-2      | 311-0221-8       |                          | Fig.74                         |        |
| HRMJ-HRMMJ-LA(40) |                  |                  | 311-0227-4-40     |                  | Fig.75                   |                                |        |
| J                 |                  | HRMJ-HRMMJ       | 311-0220-5        |                  | Fig.76                   |                                |        |

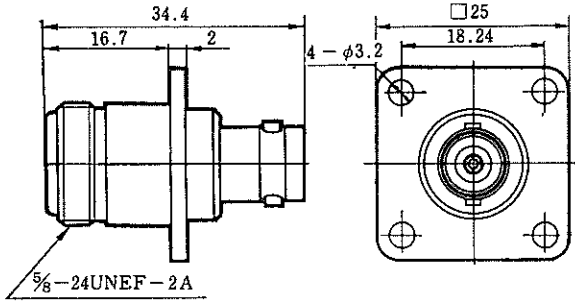
- Note 1. Part No. NP-BNCP of Fig.1 is shown that series name N, coupling part p (plug) for connecting part 1 and series name BNC, coupling part P (plug) for connecting part 2.
2. Series name of each connecting parts are shown in order to HIROSE's CL numbers.

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|                                  |                                   |
|----------------------------------|-----------------------------------|
| <p>Fig.1</p> <p>NP-BNCP(40)</p>  | <p>Fig.2</p> <p>UG-201A/U(40)</p> |
| <p>Fig.3</p> <p>NP-MJ(40)</p>    | <p>Fig.4</p> <p>N.P-S.J(40)</p>   |
| <p>Fig.5</p> <p>HRM-555S(40)</p> | <p>Fig.6</p> <p>HRM-554S(40)</p>  |
| <p>Fig.7</p> <p>UG-349/U(40)</p> | <p>Fig.8</p> <p>NJ-BNCJ(40)</p>   |

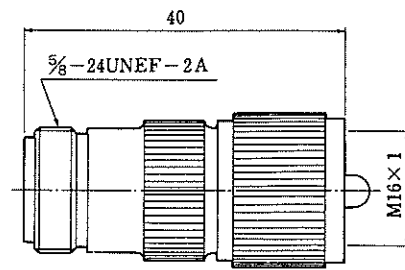
# BWA SERIES RF CO-AXIAL CONNECTORS

Fig.9



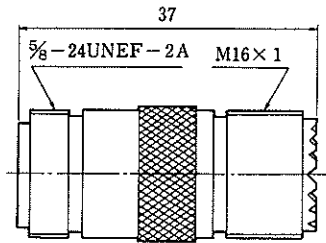
NJ-BNCJ-PA(40)

Fig.10



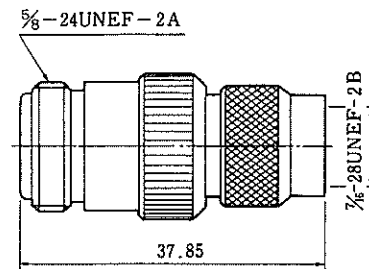
NJ-MP(40)

Fig.11



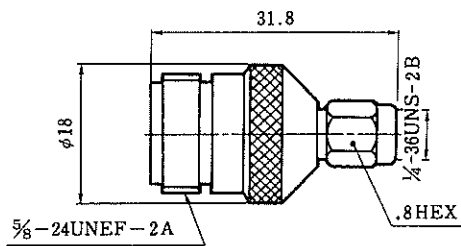
NJ-MJ(40)

Fig.12



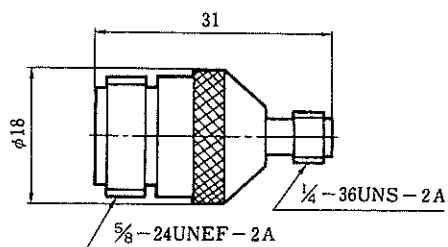
NJ-TNC.P(40)

Fig.13



HRM-553S

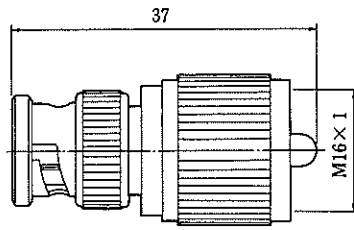
Fig.15



HRM-552S

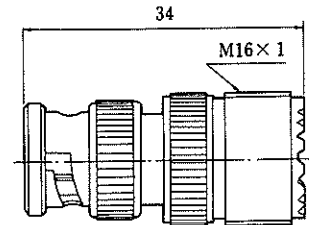
# BWA SERIES RF CO-AXIAL CONNECTORS

Fig.17



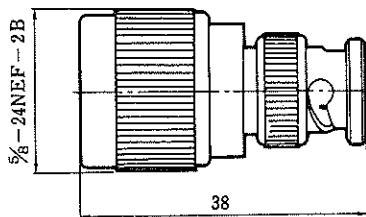
BNCP-MP(40)

Fig.18



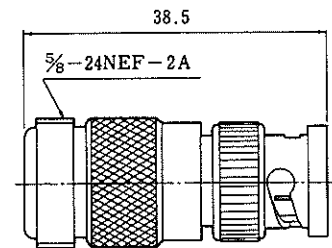
BNCP-MJ(40)

Fig.19



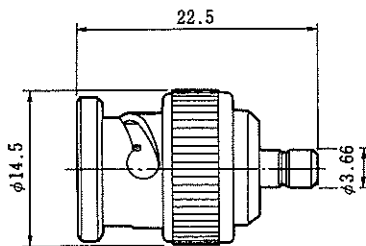
SP-BNCP(40)

Fig.20



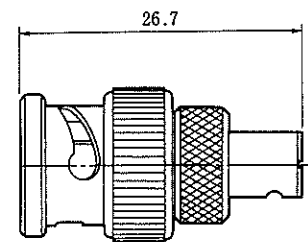
SJ-BNCP(40)

Fig.21



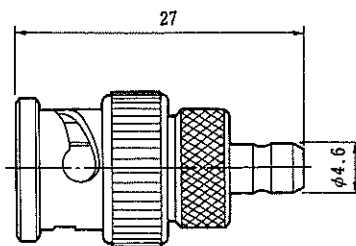
BNCP-UMJ(40)

Fig.22



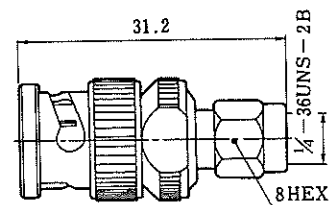
BNCP-MSSP(40)

Fig.23



BNCP-MSSJ(40)

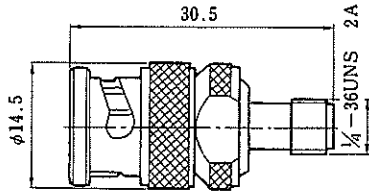
Fig.24



HRM-519(40)

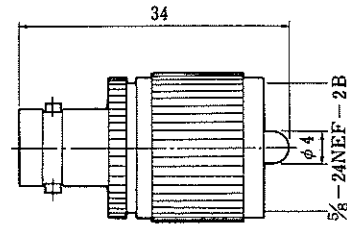
# BWA SERIES RF CO-AXIAL CONNECTORS

Fig.25



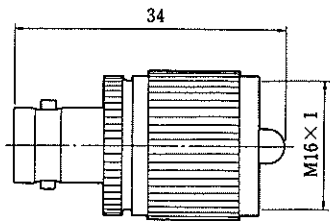
HRM-518(40)

Fig.26



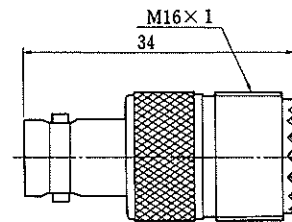
UG-273/U(40)

Fig.27



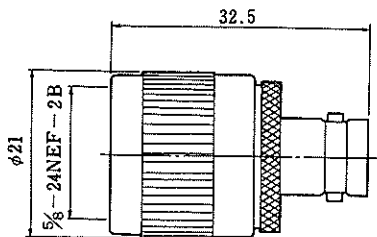
BNCJ-MP(40)

Fig.28



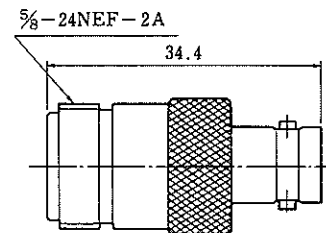
MJ-BNCJ(40)

Fig.29



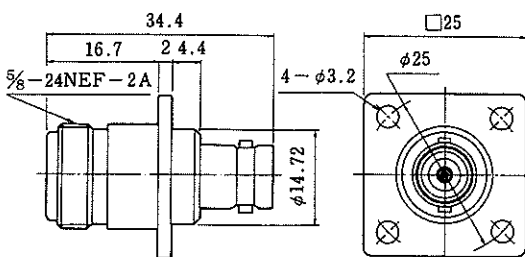
SP-BNCJ(40)

Fig.30



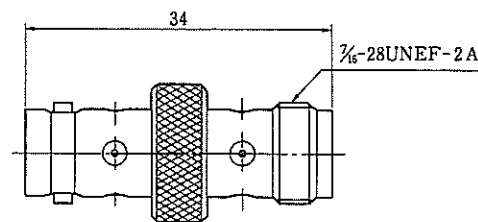
SJ-BNCJ(40)

Fig.31



SJ-BNCJ-PA(40)

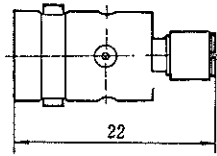
Fig.32



BNCJ-TNCJ(40)

# BWA SERIES RF CO-AXIAL CONNECTORS

Fig.33



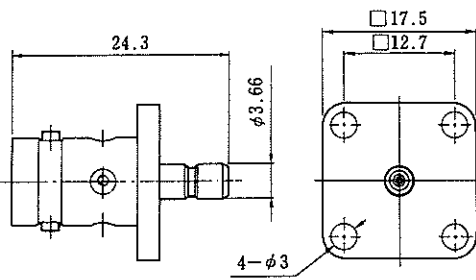
BNCJ-UMP(40)

Fig.34



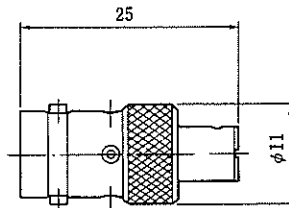
BNCJ-UMJ(40)

Fig.35



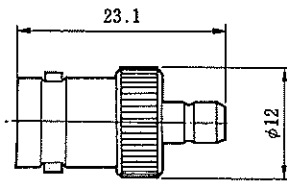
BNCJ-UMJ-PA(40)

Fig.36



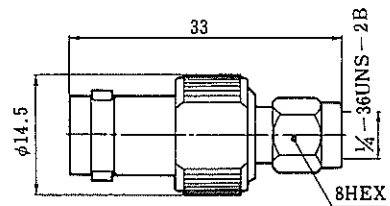
BNCJ-MSSP(40)

Fig.37



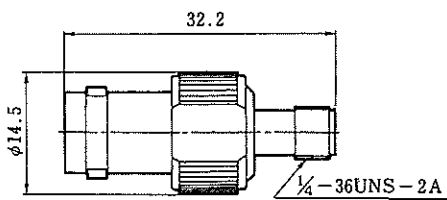
BNCJ-MSSJ(40)

Fig.38



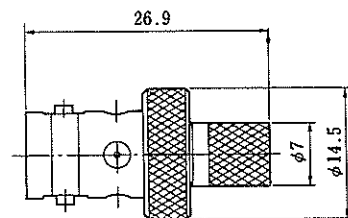
HRM-517(40)

Fig.39



HRM-516(40)

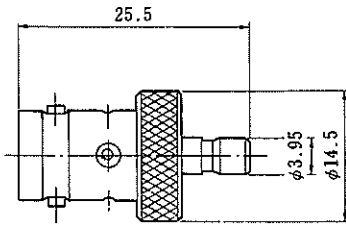
Fig.40



BNCJ-PODP(40)

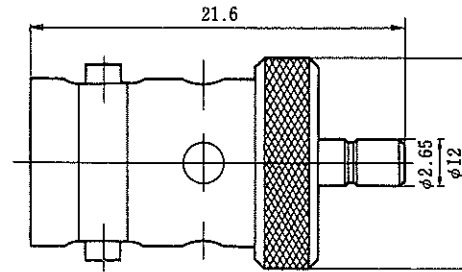
# BWA SERIES RF CO-AXIAL CONNECTORS

Fig.41



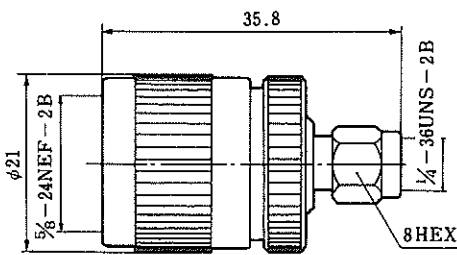
BNCJ-PODJ(40)

Fig.42



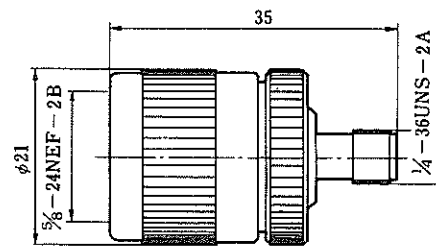
BNCJ-PO6J(40)

Fig.43



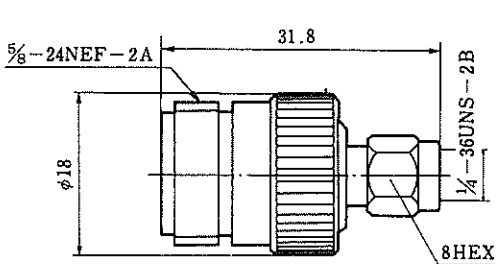
HRM-509(40)

Fig.44



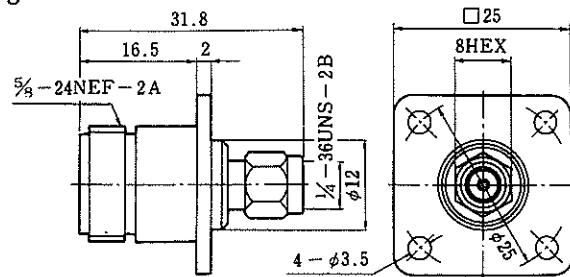
HRM-508(40)

Fig.45



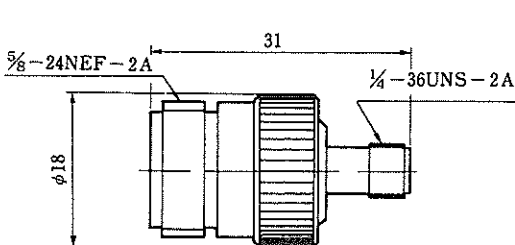
HRM-507(40)

Fig.46



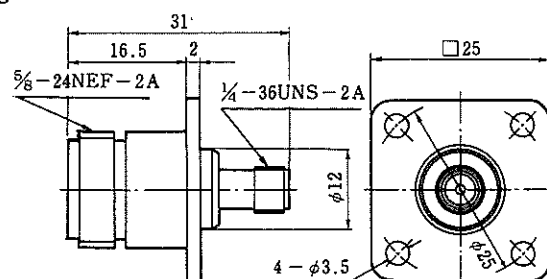
HRM-512(40) HRM-512S(40)

Fig.47



HRM-506(40)

Fig.48

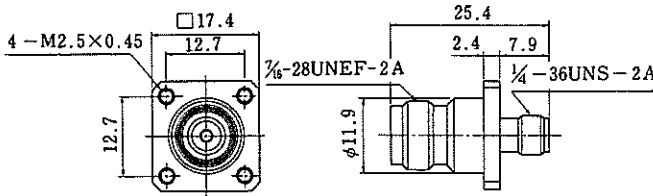


HRM-511(40) HRM-511S(40)



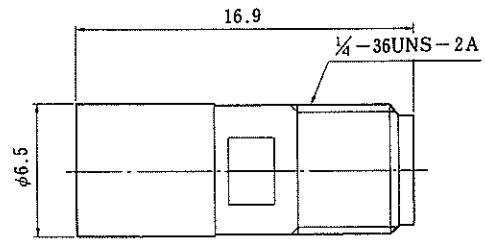
# BWA SERIES RF CO-AXIAL CONNECTORS

Fig.49



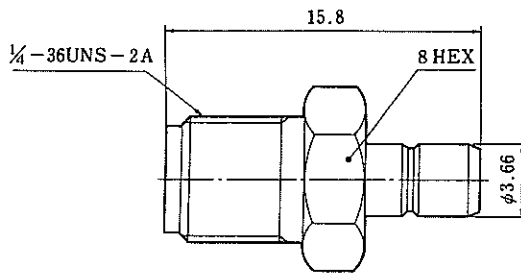
HRMJ-TNCJ-PA(40)

Fig.50



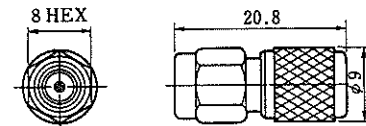
UM.P-HRMJ(40)

Fig.51



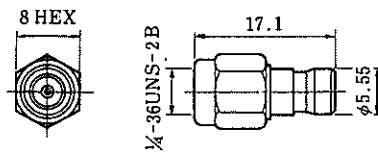
HRMJ-UMJ(40)

Fig.52



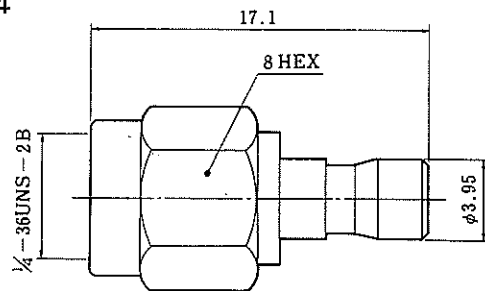
HRMP-POBP-1(40)

Fig.53



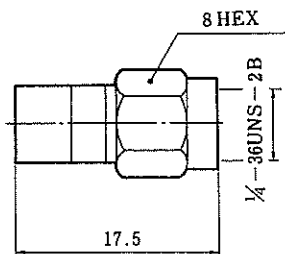
HRMP-POBJ

Fig.54



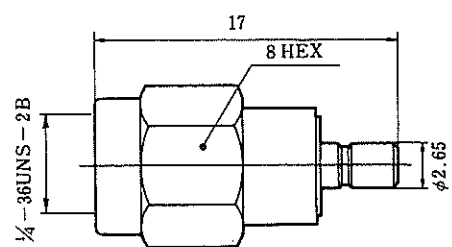
HRM.P-POD.J(40)

Fig.55



HRMP-POD1J(40)

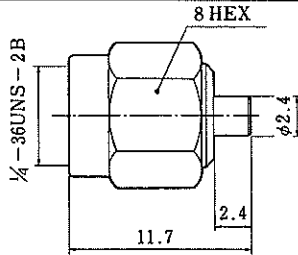
Fig.56



HRMP-PO6J(40)

# BWA SERIES RF CO-AXIAL CONNECTORS

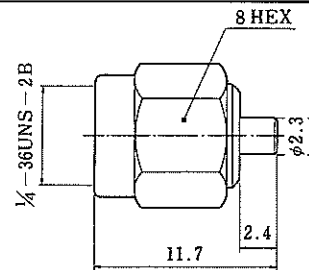
Fig.57



Note : The mating portion on the S. FL side mates with the S. FL and S. FL2 plugs. Having no locking mechanism, however, the S. FL side mating portion can be used only for performance measurement.

HRMP-S.FLJ-2(40)

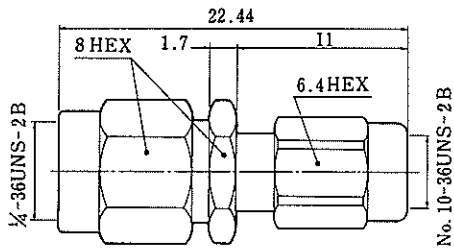
Fig.58



Note : Having no locking mechanism, however, the S. FL side mating portion can be used only for performance measurement.

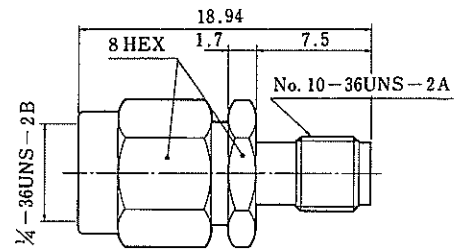
HRMP-H.FLJ(40)

Fig.59



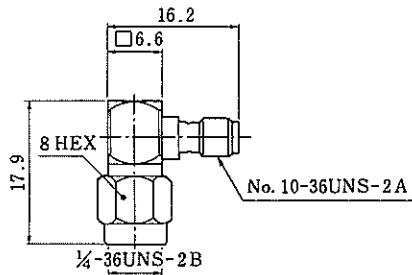
HRMP-HRMP(40)

Fig.60



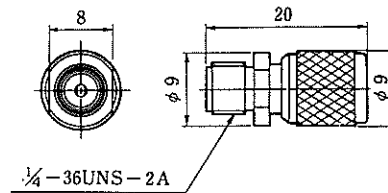
HRMP-HRMM(40)

Fig.61



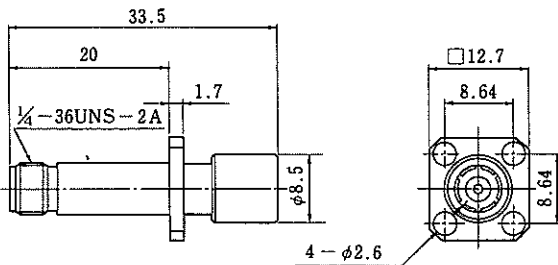
HRMP-HRMMJ-LA(40)

Fig.62



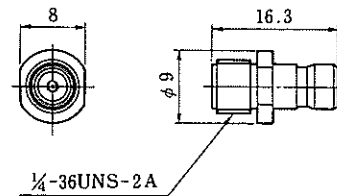
HRMJ-POBP(40)

Fig.63



HRMJ-POBP-PA(40)

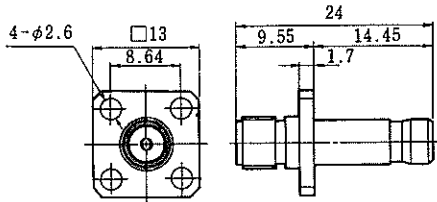
Fig.64



HRMJ-POBJ(40)

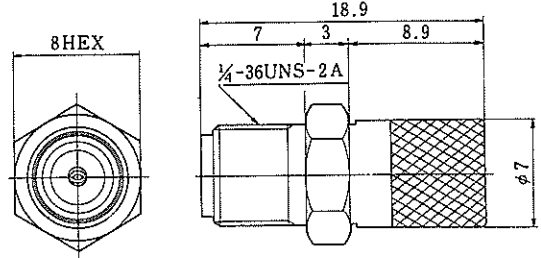
# BWA SERIES RF CO-AXIAL CONNECTORS

Fig.65



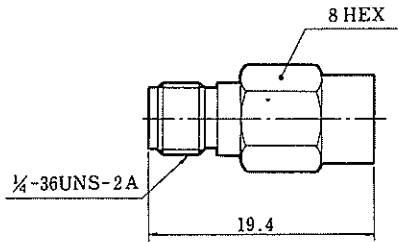
HRMJ-POBJ-PA(40)

Fig.66



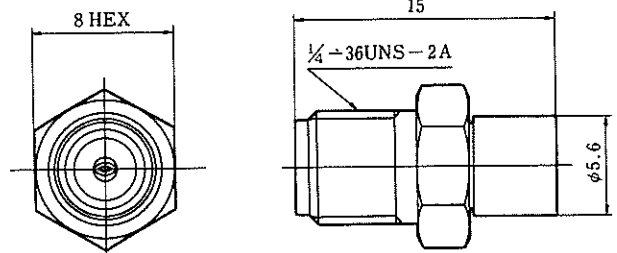
HRMJ-PODP(40)

Fig.67



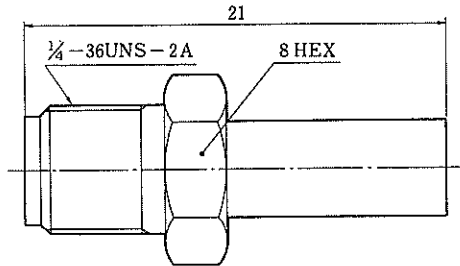
HRMJ-POD1P-1(40)

Fig.68



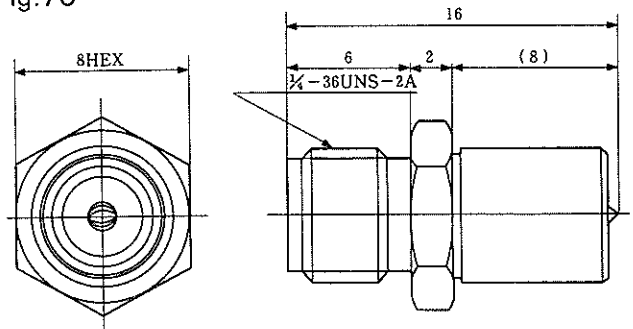
HRMJ-PO6P(40)

Fig.69



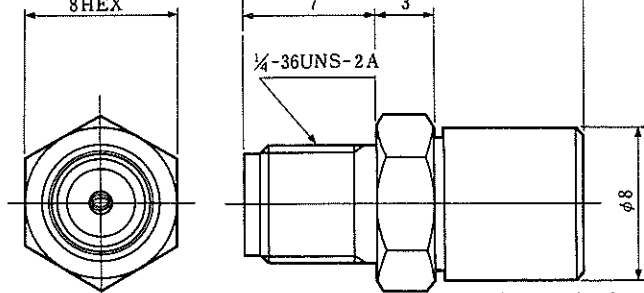
HRMJ-PO51P(40)

Fig.70



HRMJ-FLP-1(40)

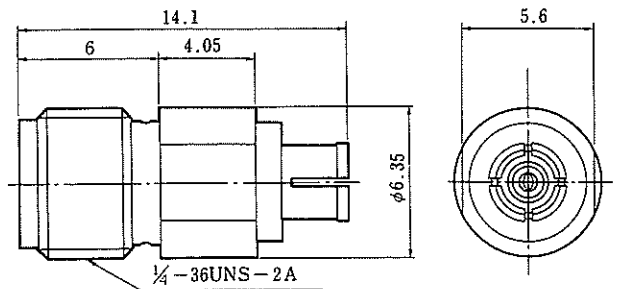
Fig.71



HRMJ-FLJ(40)

Note: Having no locking mechanism, however, the FL side mating portion can be used only for performance measurement.

Fig.72

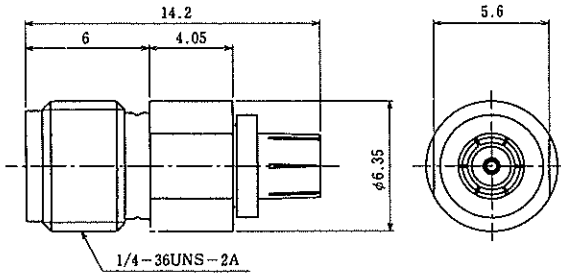


HRMJ-S.FLP(40)

Note: Compatible with S. FL and S. FL2.

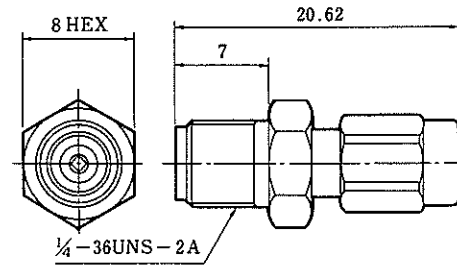
# BWA SERIES RF CO-AXIAL CONNECTORS

Fig. 73



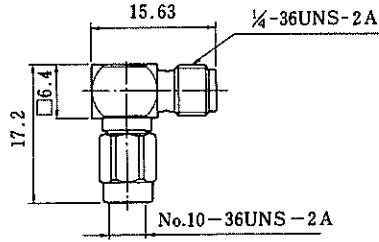
HRMJ-H.FLP-3(40)

Fig. 74



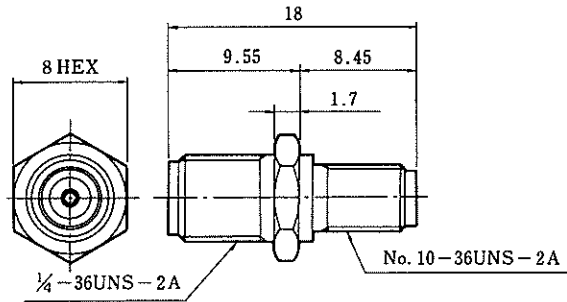
HRMJ-HRMMP-2

Fig. 75



HRMJ-HRMMP-LA(40)

Fig. 76



HRMJ-HRMMJ

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