

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          | 311-0050-7       |                  | Fig.1  |
|                  |                |                  | J              | JUG-201A/U       | 311-0007-8       |                  | Fig.2  |
|                  |                | M                | J              | NP-MJ            | 311-0019-7       |                  | Fig.3  |
|                  |                |                  | J              | N.P-S.J          | 311-0245-6       |                  | Fig.4  |
|                  |                | HRM              | P              | HRM-555S         | 311-0125-4       |                  | Fig.5  |
|                  |                |                  | J              | HRM-554S         | 311-0123-9       |                  | Fig.6  |
|                  | J              | BNC              | P              | UG-349/U         | 311-0004-0       |                  | Fig.7  |
|                  |                |                  |                | J                | NJ-BNCJ          | 311-0005-2       |        |
|                  |                |                  | J              | NJ-BNCJ-PA       | 311-0014-3       | Panel-mount type | Fig.9  |
|                  |                | M                | P              | NJ-MP            | 311-0018-4       |                  | Fig.10 |
|                  |                |                  | J              | NJ-MJ            | 311-0011-5       |                  | Fig.11 |
|                  |                | TNC              | P              | N.J-TNC.P        | 311-0225-9       |                  | Fig.12 |
|                  |                | HRM              | P              | HRM-553S         | 311-0121-3       |                  | Fig.13 |
|                  |                |                  |                | HRM-557S         | 311-0138-6       | Panel-mount type | Fig.14 |
|                  |                |                  | J              | HRM-552S         | 311-0119-1       |                  | Fig.15 |
|                  |                |                  |                | HRM-556S         | 311-0127-0       | Panel-mount type | Fig.16 |
| BNC              | P              | M                | P              | BNCP-MP          | 311-0062-6       |                  | Fig.17 |
|                  |                |                  | J              | BNCP-MJ          | 311-0008-0       |                  | Fig.18 |
|                  |                | S                | P              | SP-BNCP          | 311-0055-0       |                  | Fig.19 |
|                  |                |                  | J              | SJ-BNCP          | 311-0060-0       |                  | Fig.20 |
|                  |                | UM               | J              | BNCP-UMJ         | 311-0065-4       |                  | Fig.21 |
|                  |                | MSS              | P              | BNCP-MSSP        | 311-0107-2       |                  | Fig.22 |
|                  | J              |                  | BNCP-MSSJ      | 311-0082-3       |                  | Fig.23           |        |
|                  | HRM            | P                | HRM-519(09)    | 311-0101-6-09    |                  | Fig.24           |        |
|                  |                | J                | HRM-518(09)    | 311-0100-3-09    |                  | Fig.25           |        |
|                  | J              | UHF              | P              | UG-273/U         | 311-0003-7       |                  | Fig.26 |
|                  |                | M                | P              | BNCJ-MP          | 311-0009-3       |                  | Fig.27 |
|                  |                |                  | J              | MJ-BNCJ          | 311-0020-6       |                  | Fig.28 |
|                  |                | S                | P              | SP-BNCJ          | 311-0058-9       |                  | Fig.29 |
|                  |                |                  | J              | SJ-BNCJ          | 311-0054-8       |                  | Fig.30 |
| SJ-BNCJ-PA       |                |                  |                | 311-0108-5       | Panel-mount type | Fig.31           |        |
| TNC              |                | J                | BNC.J-TNC.J    | 311-0194-7       |                  | Fig.32           |        |
| UM               |                | P                | BNCJ-UMP       | 311-0052-2       |                  | Fig.33           |        |
|                  | J              | BNCJ-UMJ         | 311-0053-5     |                  | Fig.34           |                  |        |
| MSS              | P              | BNCJ-MSSP        | 311-0103-1-04  | Panel-mount type | Fig.35           |                  |        |
|                  | J              | BNCJ-MSSJ        | 311-0081-0     |                  | Fig.36           |                  |        |
|                  |                |                  |                |                  |                  |                  | Fig.37 |

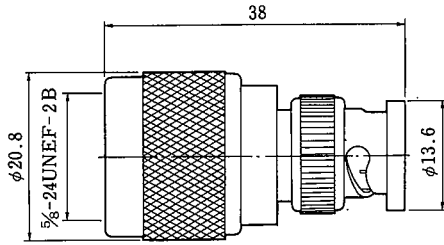
# BWA SERIES RF CO-AXIAL CONNECTORS

| 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(09)   | 311-0099-6-09            |                                | Fig.38 |        |
|                  |                |                  | J              | HRM-516(09)   | 311-0102-9-09            |                                | Fig.39 |        |
|                  |                | POD              | P              | BNCJ-PODP     | 311-0160-5               |                                | Fig.40 |        |
|                  |                |                  | J              | BNCJ-PODJ     | 311-0161-8               |                                | Fig.41 |        |
|                  |                | PO6              | J              | BNCJ-PO6J     | 311-0167-4               |                                | Fig.42 |        |
| S                | P              | HRM              | P              | HRM-509(09)   | 311-0093-0-09            |                                | Fig.43 |        |
|                  |                |                  | J              | HRM-508(09)   | 311-0092-7-09            |                                | Fig.44 |        |
|                  | J              | HRM              | P              | HRM-507(09)   | 311-0091-4-09            |                                | Fig.45 |        |
|                  |                |                  |                | HRM-512(09)   | 311-0098-3-09            | Panel-mount type               | Fig.46 |        |
|                  |                |                  | HRM-512S       | 311-0144-9    | Panel-mount type, S type | Fig.46                         |        |        |
|                  |                |                  | HRM-506(09)    | 311-0090-1-09 |                          | Fig.47                         |        |        |
|                  |                |                  | J              | HRM-511(09)   | 311-0094-2-09            | Panel-mount type               | Fig.48 |        |
|                  |                |                  | HRM-511S       | 311-0143-6    | Panel-mount type, S type | Fig.48                         |        |        |
| TNC              | J              | HRM              | J              | HRMJ-TNCJ-PA  | 311-0202-3               | Panel-mount type               | Fig.49 |        |
| UM               | P              | HRM              | J              | UM.P-HRM.J    | 311-0176-5               |                                | Fig.50 |        |
|                  | J              | HRM              | J              | HRMJ-UMJ      | 311-0164-6               |                                | Fig.51 |        |
| HRM              | P              | POB              | P              | HRMP-POBP-1   | 311-0169-0               |                                | Fig.52 |        |
|                  |                |                  | J              | HRMP-POBJ     | 311-0152-7               |                                | Fig.53 |        |
|                  |                | POD              | J              | HRM.P-POD.J   | 311-0177-8               |                                | Fig.54 |        |
|                  |                | POD1             | J              | HRMP-POD1J    | 311-0253-4               |                                | Fig.55 |        |
|                  |                | PO6              | J              | HRMP-PO6J     | 311-0172-4               |                                | Fig.56 |        |
|                  |                | S.FLSFL2         | J              | HRMP-S.FLJ-2  | 311-0249-7               | For inspecting harnessed parts | Fig.57 |        |
|                  |                | H.FL             | J              | HRMP-H.FLJ    | 311-0232-4               | For inspecting harnessed parts | Fig.58 |        |
|                  |                | HRMM             | P              | HRMP-HRMMP    | 311-0250-6               |                                | Fig.59 |        |
|                  |                |                  | J              | HRMP-HRMMJ    | 311-0243-0               |                                | Fig.60 |        |
|                  |                |                  |                | J             | HRMP-HRMMJ-LA            | 311-0226-1                     |        | Fig.61 |
|                  |                | J                | POB            | P             | HRMJ-POBP                | 311-0151-4                     |        | Fig.62 |
|                  | HRMJ-POBP-PA   |                  |                |               | 311-0206-4               |                                | Fig.63 |        |
|                  | J              |                  |                | HRMJ-POBJ     | 311-0149-2               |                                | Fig.64 |        |
|                  |                |                  |                | HRMJ-POBJ-PA  | 311-0150-1               |                                | Fig.65 |        |
|                  | POD            |                  | P              | HRMJ-PODP     | 311-0157-0               |                                | Fig.66 |        |
|                  | POD1           |                  | P              | HRMJ-POD1P-1  | 311-0254-7               |                                | Fig.67 |        |
|                  | PO6            |                  | P              | HRMJ-PO6P     | 311-0173-7               |                                | Fig.68 |        |
|                  | PO51           |                  | P              | HRMJ-PO51P    | 311-0231-1               |                                | Fig.69 |        |
|                  | FL             |                  | P              | HRMJ-FLP-1    | 311-0195-0               |                                | Fig.70 |        |
|                  |                |                  | J              | HRMJ-FLJ      | 311-0179-3               |                                | Fig.71 |        |
|                  | S.FLSFL2       |                  | P              | HRMJ-S.FLP    | 311-0218-3               |                                | Fig.72 |        |
|                  | H.FL           |                  | P              | HRMJ-H.FLP-3  | 311-0264-0               |                                | Fig.73 |        |
|                  | HRMM           | P                | HRMJ-HRMMP-2   | 311-0221-8    |                          | Fig.74                         |        |        |
| HRMJ-HRMMP-LA    |                |                  | 311-0227-4     |               | 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.

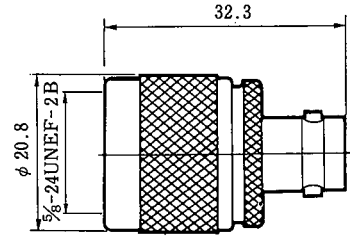
2. Series name of each connecting parts are shown in order to HIROSE's CL numbers.

Fig.1



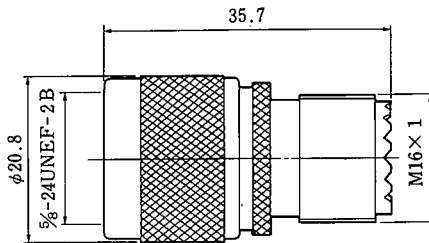
NP-BNCP  
CL311-0050-7

Fig.2



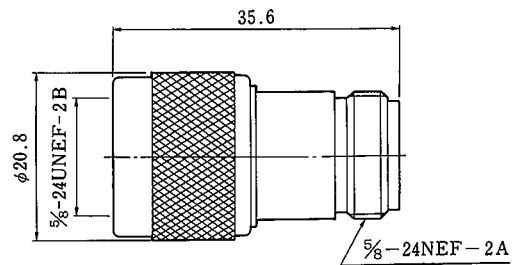
UG-201A/U  
CL311-0007-8

Fig.3



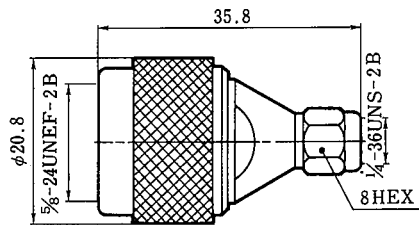
NP-MJ  
CL311-0019-7

Fig.4



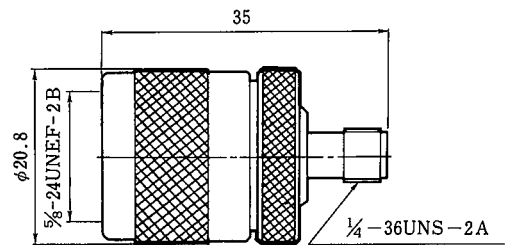
N.P-S.J  
CL311-0245-6

Fig.5



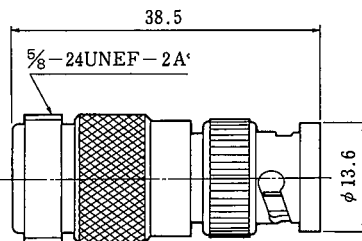
HRM-555S  
CL311-0125-4

Fig.6



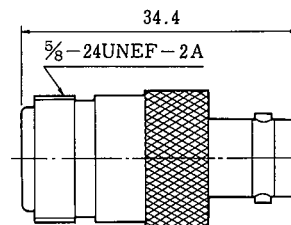
HRM-554S  
CL311-0123-9

Fig.7



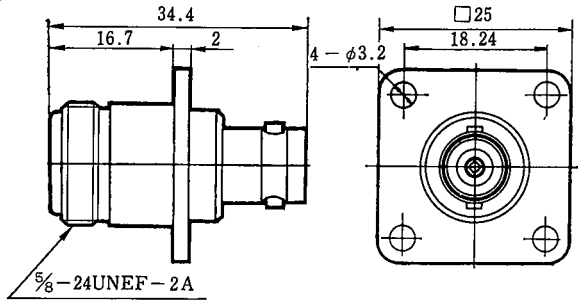
UG-349/U  
CL311-0004-0

Fig.8



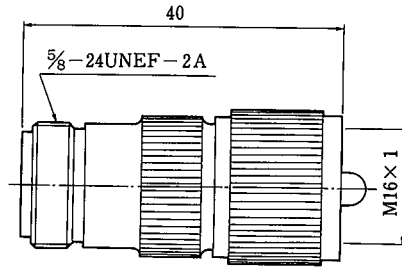
NJ-BNCJ  
CL311-0005-2

Fig.9



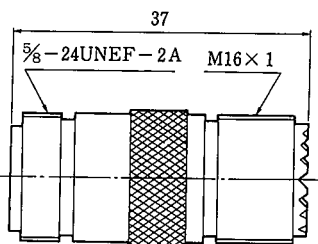
NJ-BNCJ-PA  
CL311-0014-3

Fig.10



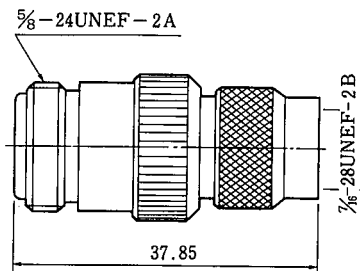
NJ-MP  
CL311-0018-4

Fig.11



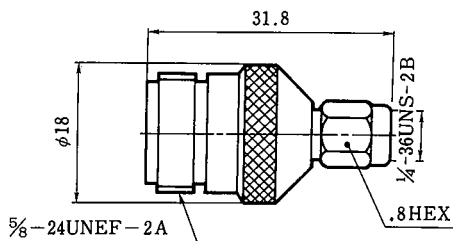
NJ-MJ  
CL311-0011-5

Fig.12



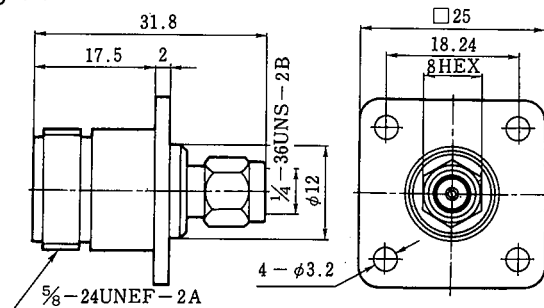
N.J-TNC.P  
CL311-0225-9

Fig.13



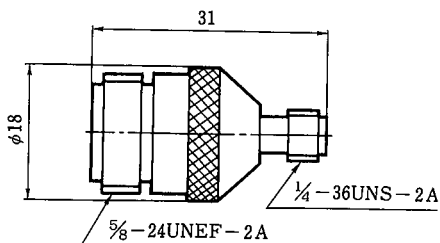
HRM-553S  
CL311-0121-3

Fig.14



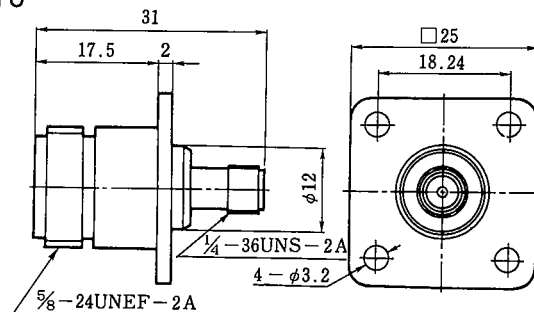
HRM-557S  
CL311-0138-6

Fig.15



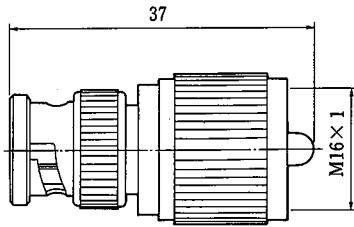
HRM-552S  
CL311-0119-1

Fig.16



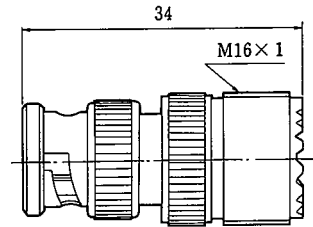
HRM-556S  
CL311-0127-0

Fig.17



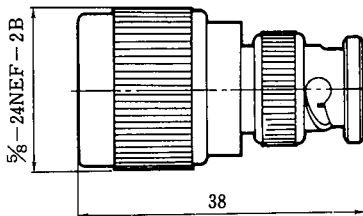
BNCP-MP  
CL311-0062-6

Fig.18



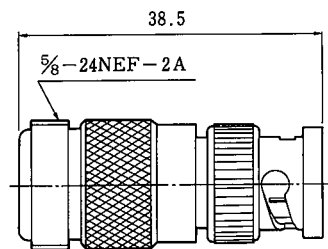
BNCP-MJ  
CL311-0008-0

Fig.19



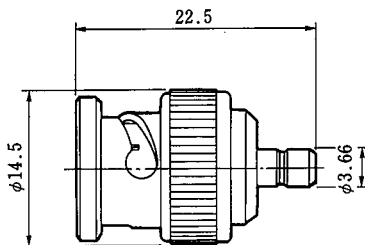
SP-BNCP  
CL311-0055-0

Fig.20



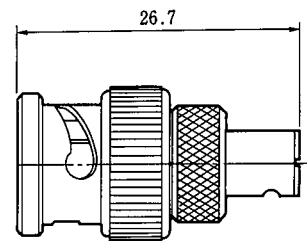
SJ-BNCP  
CL311-0060-0

Fig.21



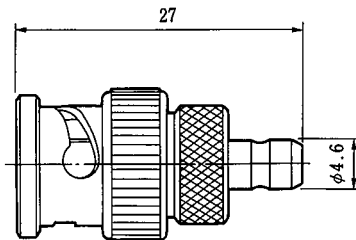
BNCP-UMJ  
CL311-0065-4

Fig.22



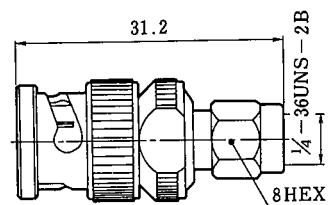
BNCP-MSSP  
CL311-0107-2

Fig.23



BNCP-MSSJ  
CL311-0082-3

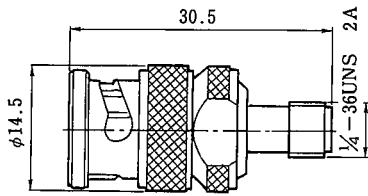
Fig.24



HRM-519(09)  
CL311-0101-6-09

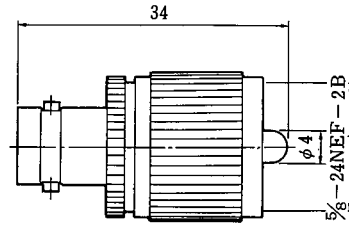
# BWA SERIES RF CO-AXIAL CONNECTORS

Fig.25



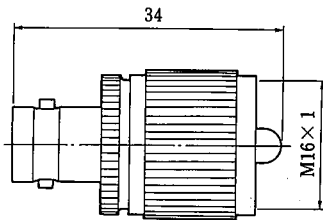
HRM-518(09)  
CL311-0100-3-09

Fig.26



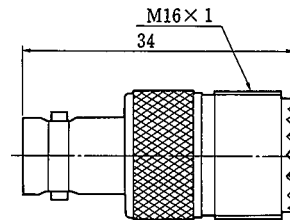
UG-273/U  
CL311-0003-7

Fig.27



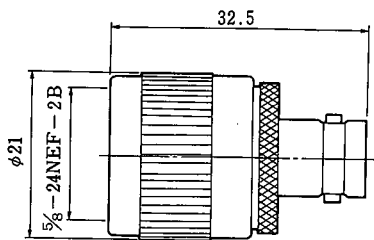
BNCJ-MP  
CL311-0009-3

Fig.28



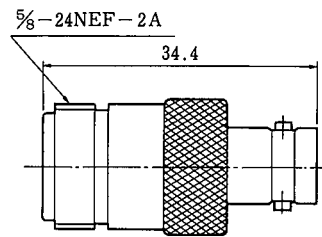
MJ-BNCJ  
CL311-0020-6

Fig.29



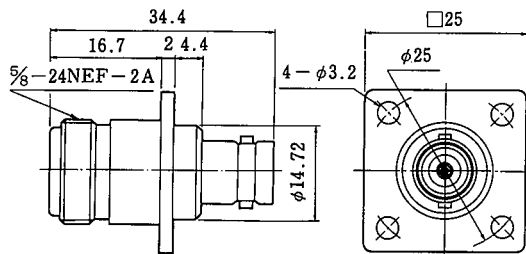
SP-BNCJ  
CL311-0058-9

Fig.30



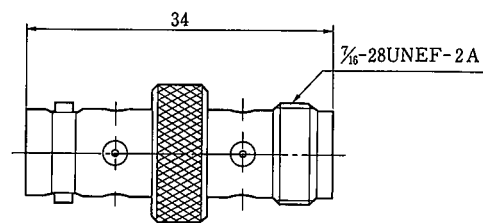
SJ-BNCJ  
CL311-0054-8

Fig.31



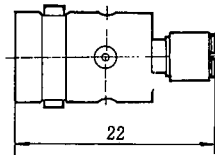
SJ-BNCJ-PA  
CL311-0108-5

Fig.32



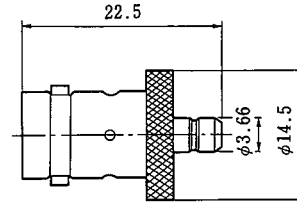
BNC.J-TNC.J  
CL311-0194-7

Fig.33



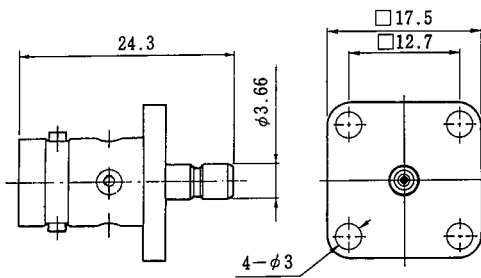
BNCJ-UMP  
CL311-0052-2

Fig.34



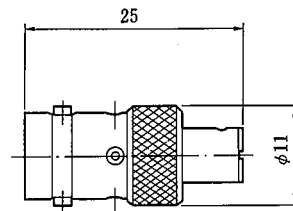
BNCJ-UMJ  
CL311-0053-5

Fig.35



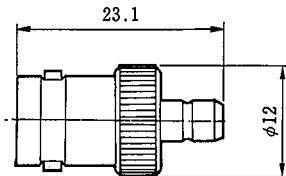
BNCJ-UMJ-PA (04)  
CL311-0103-1-04

Fig.36



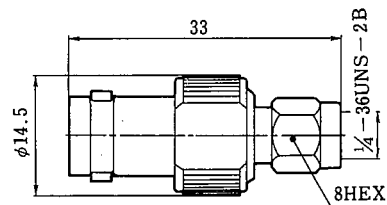
BNCJ-MSSP  
CL311-0081-0

Fig.37



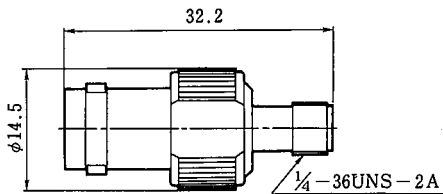
BNCJ-MSSJ  
CL311-0066-7

Fig.38



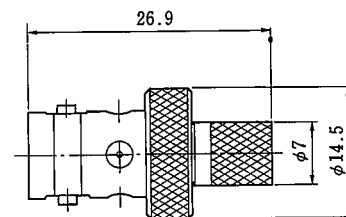
HRM-517 (09)  
CL311-0099-6-09

Fig.39



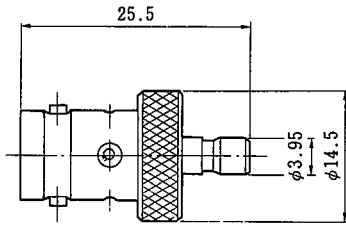
HRM-516 (09)  
CL311-0102-9-09

Fig.40



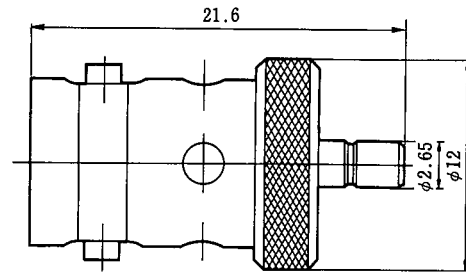
BNCJ-PODP  
CL311-0160-5

Fig.41



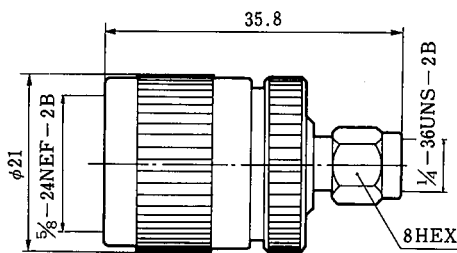
BNCJ-PODJ  
CL311-0161-8

Fig.42



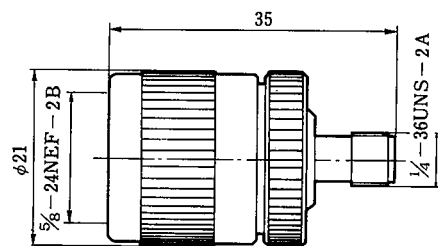
BNCJ-PO6J  
CL311-0167-4

Fig.43



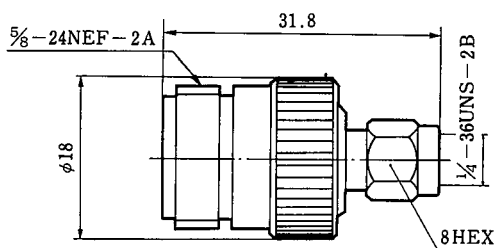
HRM-509 (09)  
CL311-0093-0-09

Fig.44



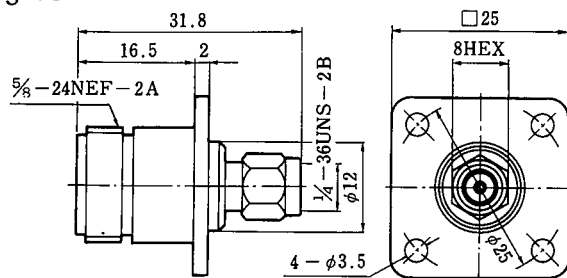
HRM-508 (09)  
CL311-0092-7-09

Fig.45



HRM-507 (09)  
CL311-0091-4-09

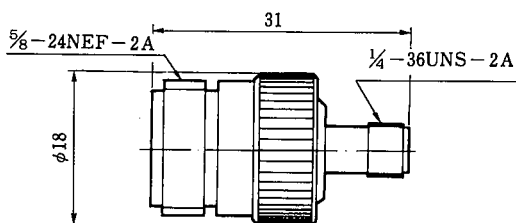
Fig.46



HRM-512 (09)  
CL311-0098-3-09

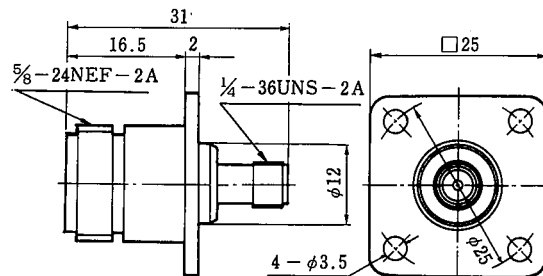
HRM-512S  
CL311-0144-9

Fig.47



HRM-506 (09)  
CL311-0090-1-09

Fig.48



HRM-511 (09)  
CL311-0094-2-09

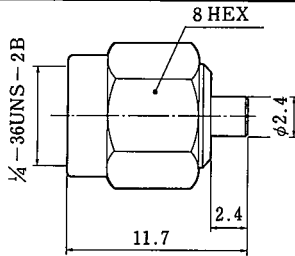
HRM-511S  
CL311-0143-6



|  |   |
|--|---|
| <p>Fig.49</p> <p>HRMJ-TNCJ-PA<br/>CL311-0202-3</p> | <p>Fig.50</p> <p>UM.P-HRM.J<br/>CL311-0176-5</p>  |
| <p>Fig.51</p> <p>HRMJ-UMJ<br/>CL311-0164-6</p>     | <p>Fig.52</p> <p>HRMP-POBP-1<br/>CL311-0169-0</p> |
| <p>Fig.53</p> <p>HRMP-POBJ<br/>CL311-0152-7</p>    | <p>Fig.54</p> <p>HRM.P-POD.J<br/>CL311-0177-8</p> |
| <p>Fig.55</p> <p>HRMP-POD1J<br/>CL311-0253-4</p>   | <p>Fig.56</p> <p>HRMP-PO6J<br/>CL311-0172-4</p>   |

# BWA SERIES RF CO-AXIAL CONNECTORS

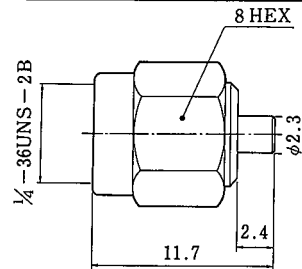
Fig.57



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  
CL311-0249-7

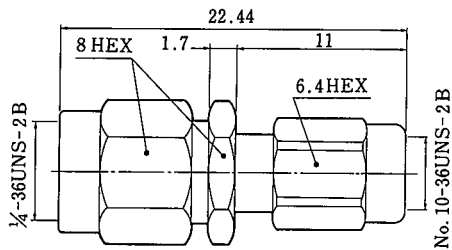
Fig.58



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

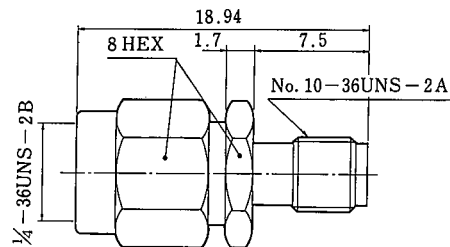
HRMP-H.FLJ  
CL311-0232-4

Fig.59



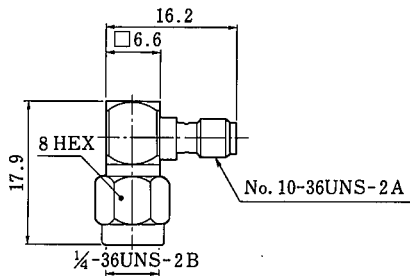
HRMP-HRMMP  
CL311-0250-6

Fig.60



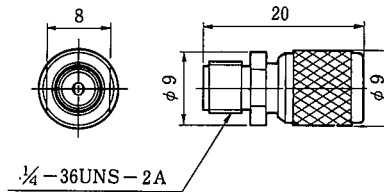
HRMP-HRMMJ  
CL311-0243-0

Fig.61



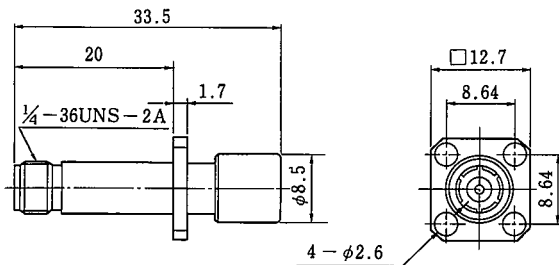
HRMP-HRMMJ-LA  
CL311-0226-1

Fig.62



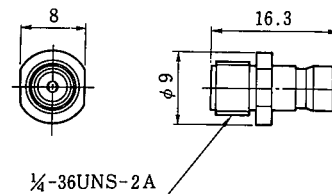
HRMJ-POBP  
CL311-0151-4

Fig.63



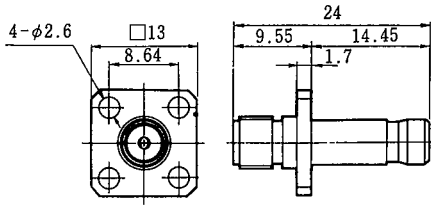
HRMJ-POBP-PA  
CL311-0206-4

Fig.64



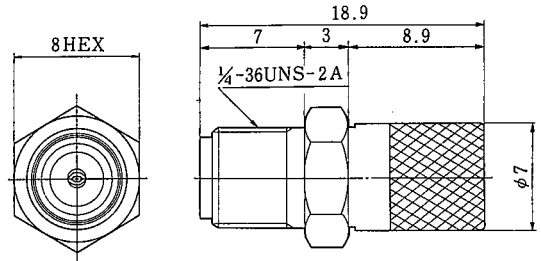
HRMJ-POBJ  
CL311-0149-2

Fig.65



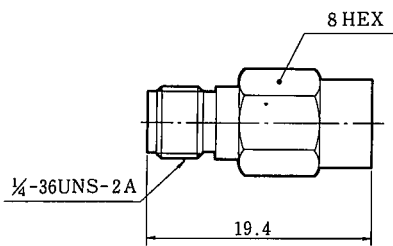
HRMJ-POBJ-PA  
CL311-0150-1

Fig.66



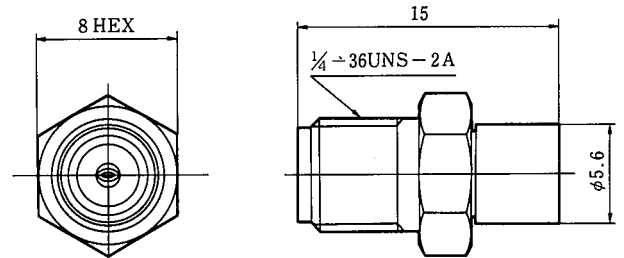
HRMJ-PODP  
CL311-0157-0

Fig.67



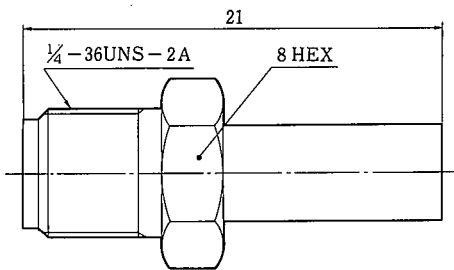
HRMJ-POD1P-1  
CL311-0254-7

Fig.68



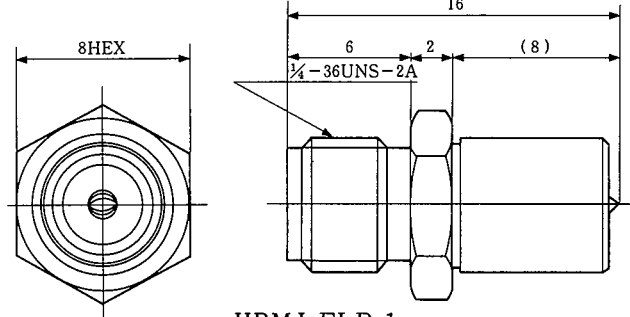
HRMJ-PO6P  
CL311-0173-7

Fig.69



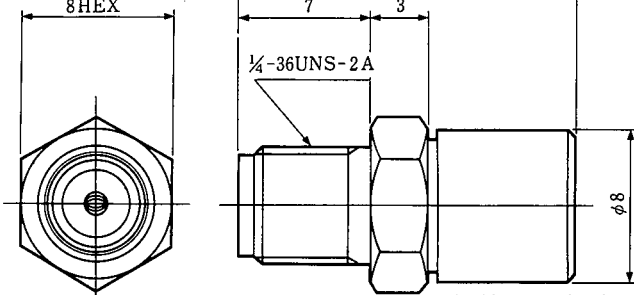
HRMJ-PO51P  
CL311-0231-1

Fig.70



HRMJ-FLP-1  
CL311-0195-0

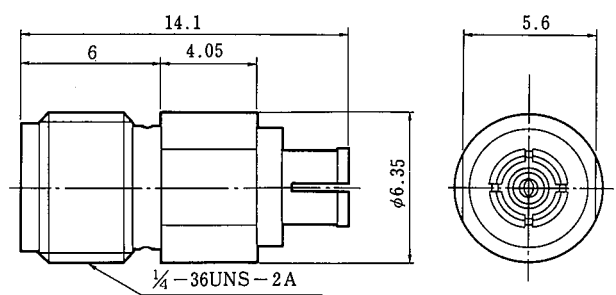
Fig.71



HRMJ-FLJ  
CL311-0179-3

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

Fig.72

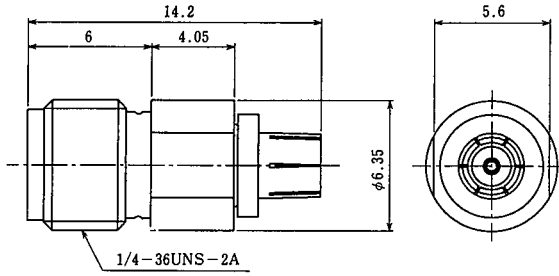


HRMJ-S.FLP  
CL311-0218-3

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

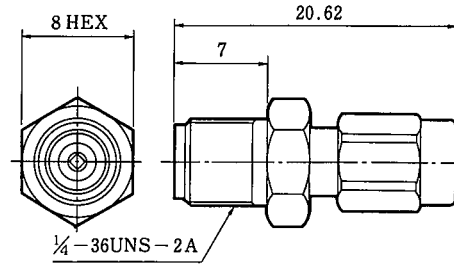
# BWA SERIES RF CO-AXIAL CONNECTORS

Fig.73



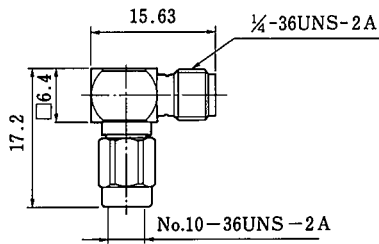
HRMJ-H.FLP-3  
CL311-0264-0

Fig.74



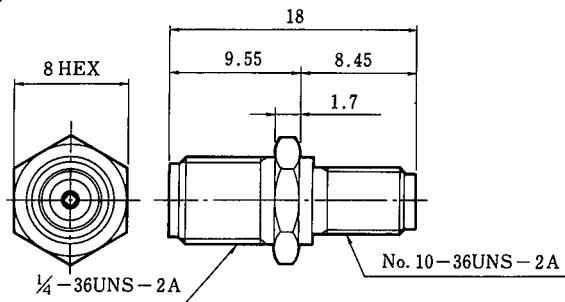
HRMJ-HRMMP-2  
CL311-0221-8

Fig.75



HRMJ-HRMMP-LA  
CL311-0227-4

Fig.76



HRMJ-HRMMJ  
CL311-0220-5