

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 | 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 | |
| | J | BNCJ-UMJ-PA(04) | 311-0103-1-04 | Panel-mount type | Fig.35 | | |
| MSS | P | BNCJ-MSSP | 311-0081-0 | | Fig.36 | | |
| | J | BNCJ-MSSJ | 311-0066-7 | | Fig.37 | | |

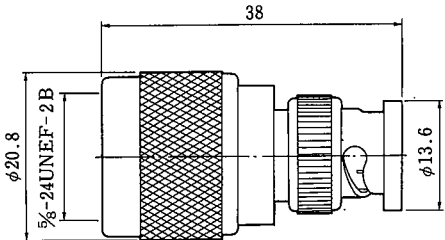
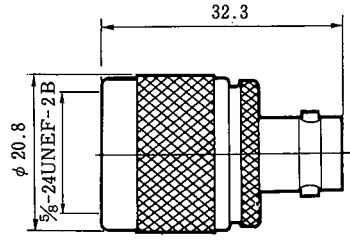
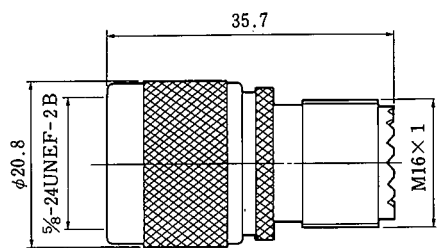
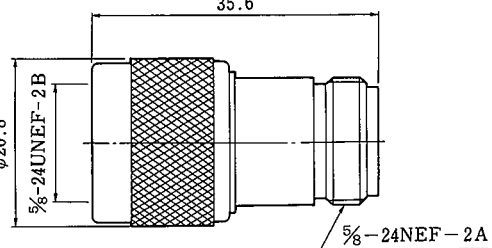
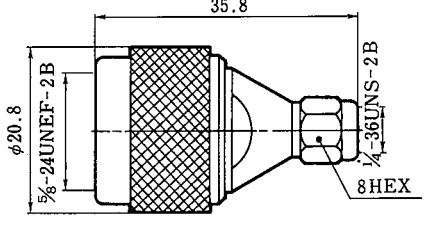
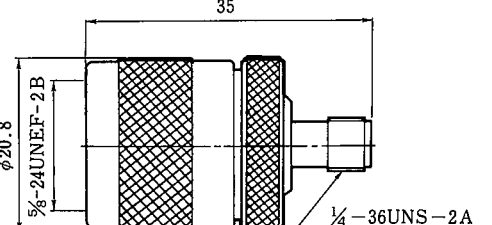
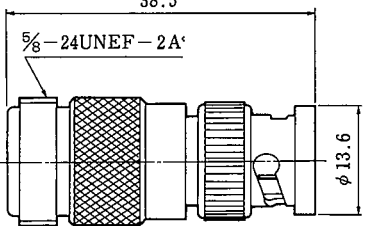
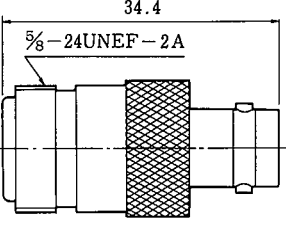
BWA SERIES RF CO-AXIAL CONNECTORS

| 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 | | |
| | | | 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 | |
| | | | | 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.

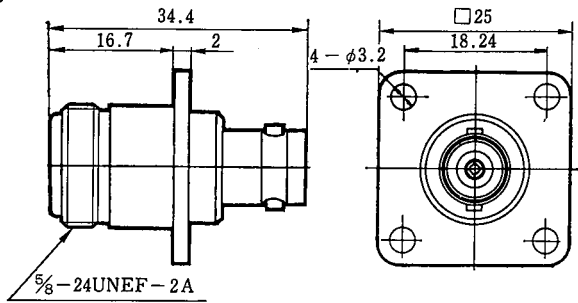
2. Series name of each connecting parts are shown in order to HIROSE's CL numbers.

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| | |
|---|--|
| <p>Fig.1</p>  <p>NP-BNCP CL311-0050-7</p> | <p>Fig.2</p>  <p>UG-201A/U CL311-0007-8</p> |
| <p>Fig.3</p>  <p>NP-MJ CL311-0019-7</p> | <p>Fig.4</p>  <p>N.P-S.J CL311-0245-6</p> |
| <p>Fig.5</p>  <p>HRM-555S CL311-0125-4</p> | <p>Fig.6</p>  <p>HRM-554S CL311-0123-9</p> |
| <p>Fig.7</p>  <p>UG-349/U CL311-0004-0</p> | <p>Fig.8</p>  <p>NJ-BNCJ CL311-0005-2</p> |

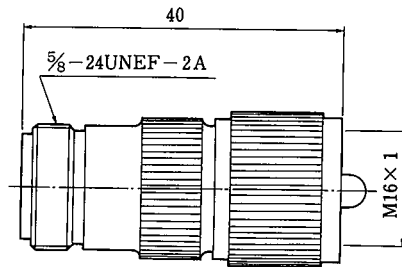
BWA SERIES RF CO-AXIAL CONNECTORS

Fig.9



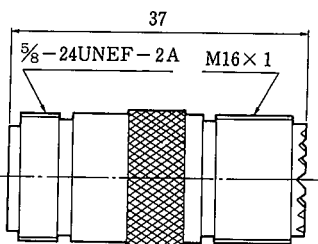
NJ-BNCJ-PA
CL311-0014-3

Fig.10



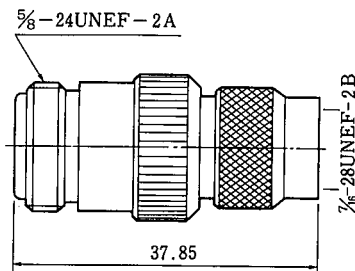
NJ-MP
CL311-0018-4

Fig.11



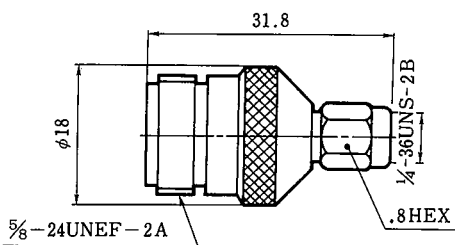
NJ-MJ
CL311-0011-5

Fig.12



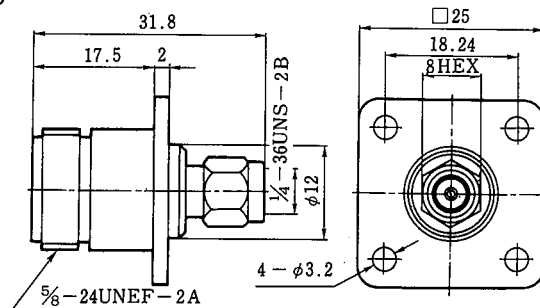
N.J-TNC.P
CL311-0225-9

Fig.13



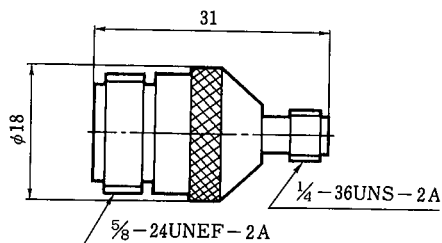
HRM-553S
CL311-0121-3

Fig.14



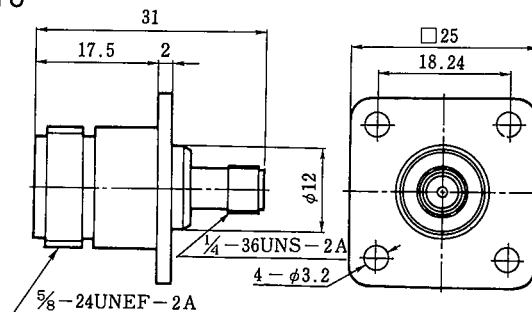
HRM-557S
CL311-0138-6

Fig.15



HRM-552S
CL311-0119-1

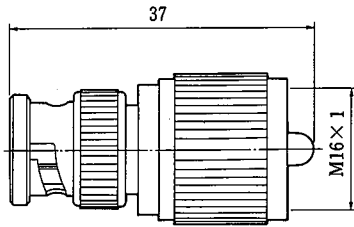
Fig.16



HRM-556S
CL311-0127-0

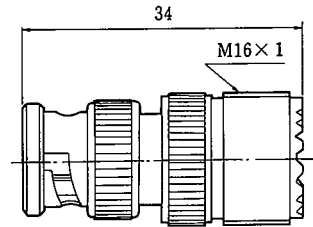
BWA SERIES RF CO-AXIAL CONNECTORS

Fig.17



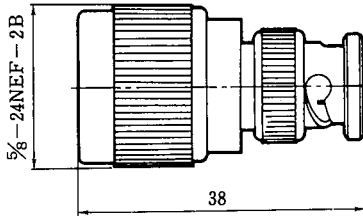
BNC-MP
CL311-0062-6

Fig.18



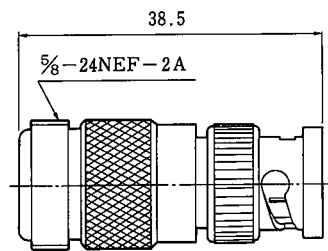
BNC-MJ
CL311-0008-0

Fig.19



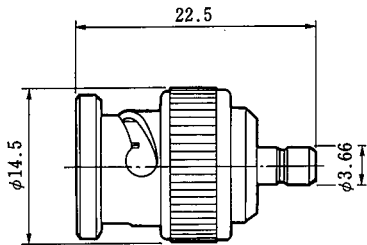
SP-BNCP
CL311-0055-0

Fig.20



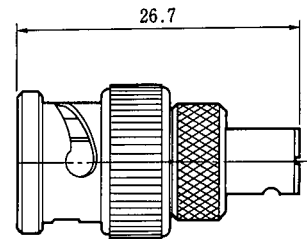
SJ-BNCP
CL311-0060-0

Fig.21



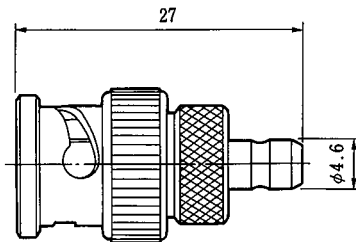
BNC-UMJ
CL311-0065-4

Fig.22



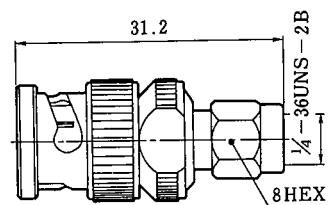
BNC-MSSP
CL311-0107-2

Fig.23



BNC-MSSJ
CL311-0082-3

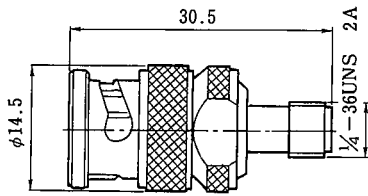
Fig.24



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

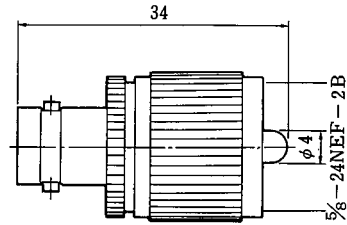
BWA SERIES RF CO-AXIAL CONNECTORS

Fig.25



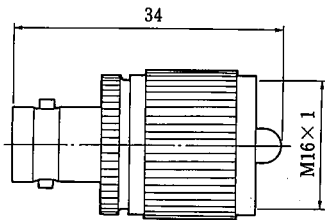
HRM-518(09)
CL311-0100-3-09

Fig.26



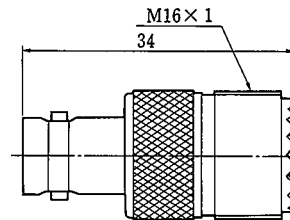
UG-273/U
CL311-0003-7

Fig.27



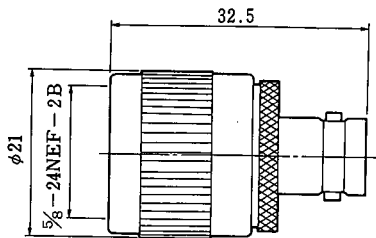
BNCJ-MP
CL311-0009-3

Fig.28



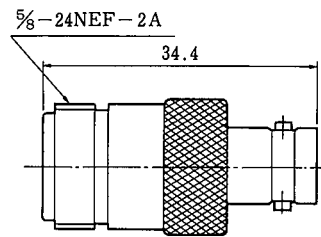
MJ-BNCJ
CL311-0020-6

Fig.29



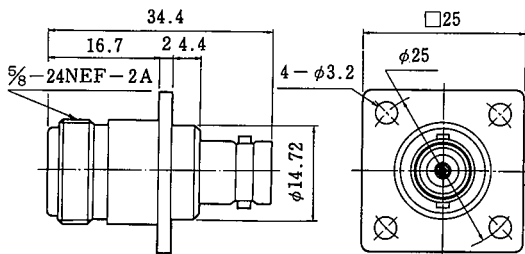
SP-BNCJ
CL311-0058-9

Fig.30



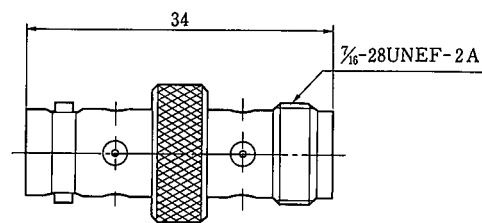
SJ-BNCJ
CL311-0054-8

Fig.31



SJ-BNCJ-PA
CL311-0108-5

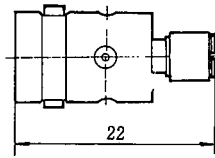
Fig.32



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

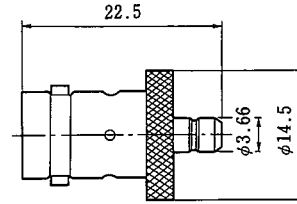
BWA SERIES RF CO-AXIAL CONNECTORS

Fig.33



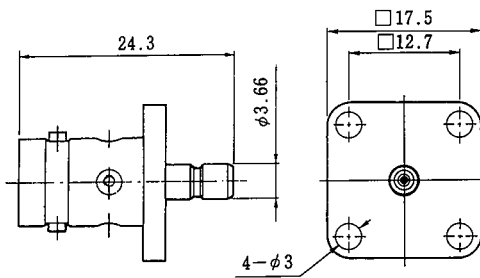
BNCJ-UMP
CL311-0052-2

Fig.34



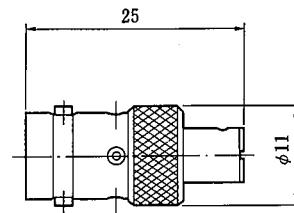
BNCJ-UMJ
CL311-0053-5

Fig.35



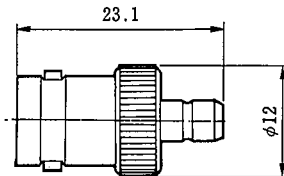
BNCJ-UMJ-PA (04)
CL311-0103-1-04

Fig.36



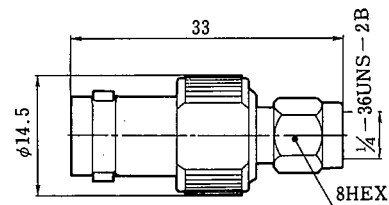
BNCJ-MSSP
CL311-0081-0

Fig.37



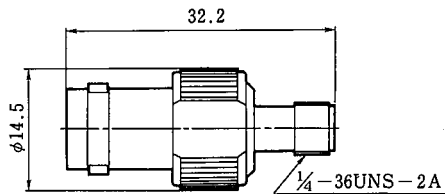
BNCJ-MSSJ
CL311-0066-7

Fig.38



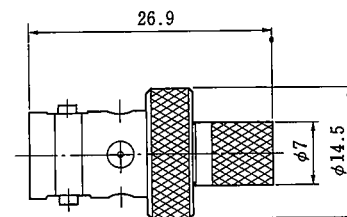
HRM-517 (09)
CL311-0099-6-09

Fig.39



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

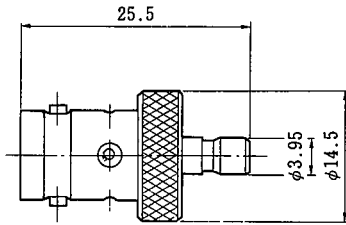
Fig.40



BNCJ-PODP
CL311-0160-5

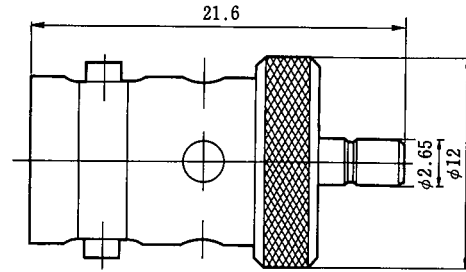
BWA SERIES RF CO-AXIAL CONNECTORS

Fig.41



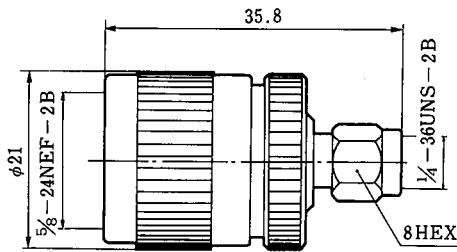
BNCJ-PODJ
CL311-0161-8

Fig.42



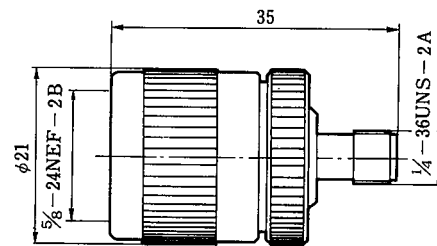
BNCJ-PO6J
CL311-0167-4

Fig.43



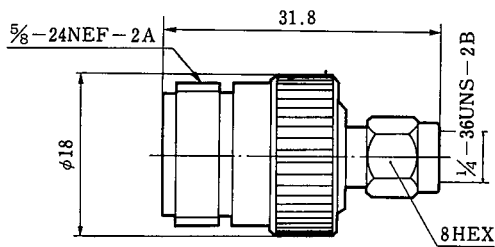
HRM-509 (09)
CL311-0093-0-09

Fig.44



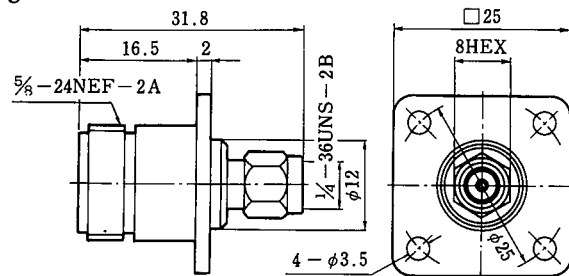
HRM-508 (09)
CL311-0092-7-09

Fig.45



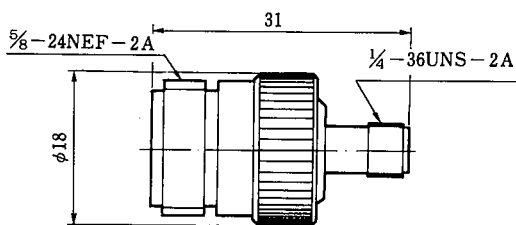
HRM-507 (09)
CL311-0091-4-09

Fig.46



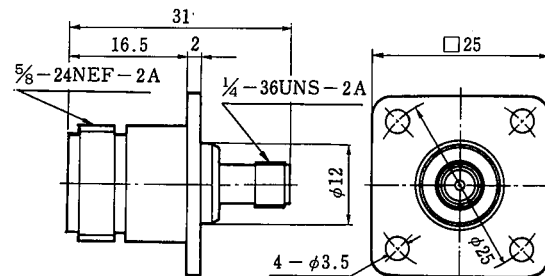
HRM-512 (09) HRM-512S
CL311-0098-3-09 CL311-0144-9

Fig.47



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

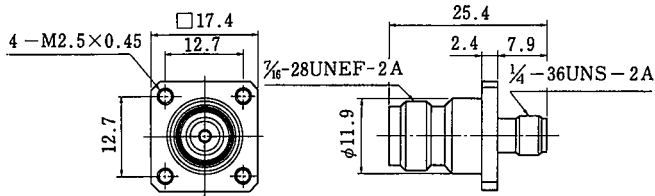
Fig.48



HRM-511 (09) HRM-511S
CL311-0094-2-09 CL311-0143-6

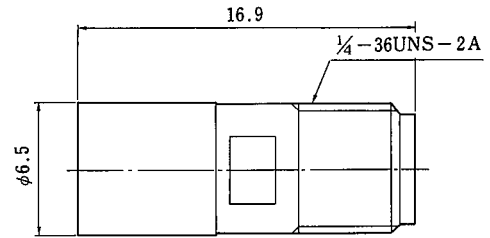
BWA SERIES RF CO-AXIAL CONNECTORS

Fig.49



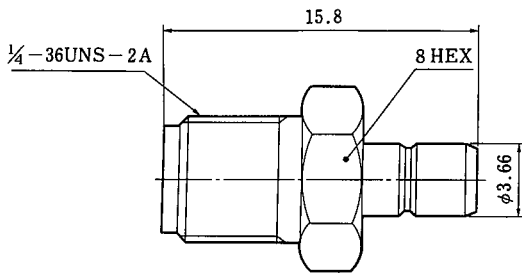
HRMJ-TNCJ-PA
CL311-0202-3

Fig.50



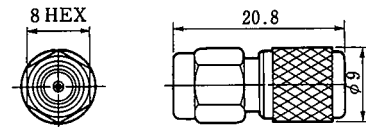
UM.P-HRM.J
CL311-0176-5

Fig.51



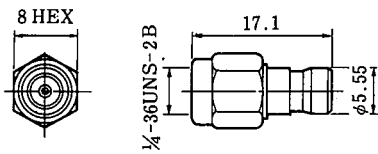
HRMJ-UMJ
CL311-0164-6

Fig.52



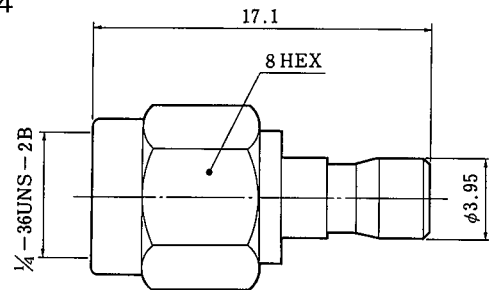
HRMP-POBP-1
CL311-0169-0

Fig.53



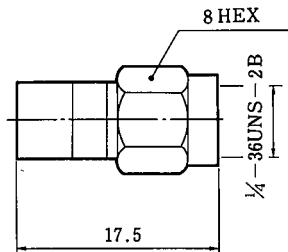
HRMP-POBJ
CL311-0152-7

Fig.54



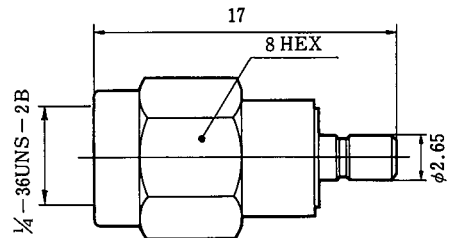
HRM.P-POD.J
CL311-0177-8

Fig.55



HRMP-POD1J
CL311-0253-4

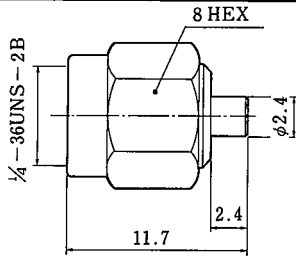
Fig.56



HRMP-PO6J
CL311-0172-4

BWA SERIES RF CO-AXIAL CONNECTORS

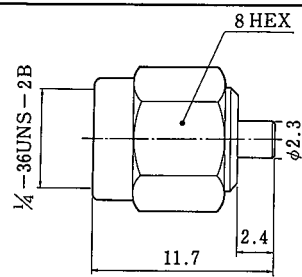
Fig.57



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

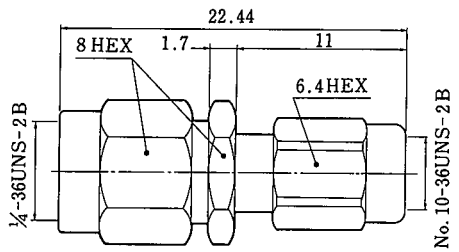
Fig.58



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

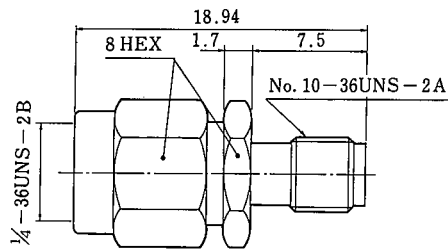
HRMP-H.FLJ
 CL311-0232-4

Fig.59



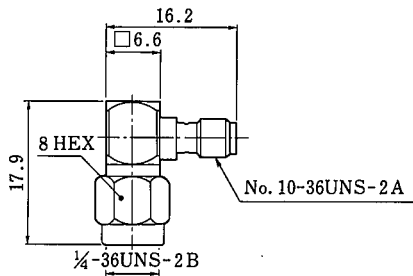
HRMP-HRMMP
 CL311-0250-6

Fig.60



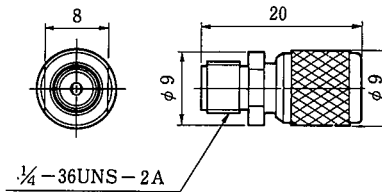
HRMP-HRMMJ
 CL311-0243-0

Fig.61



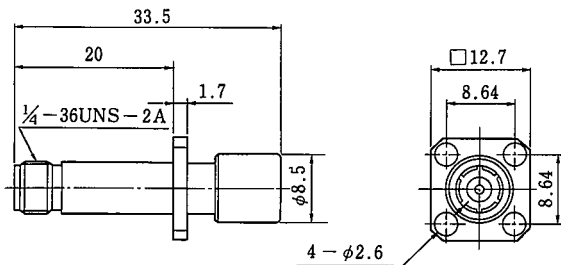
HRMP-HRMMJ-LA
 CL311-0226-1

Fig.62



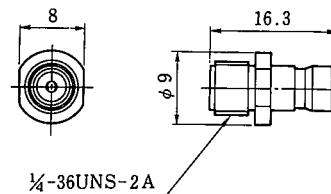
HRMJ-POBP
 CL311-0151-4

Fig.63



HRMJ-POBP-PA
 CL311-0206-4

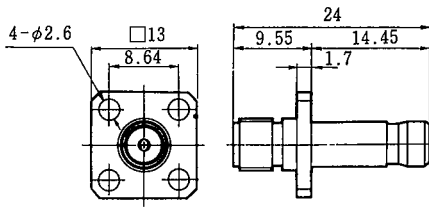
Fig.64



HRMJ-POBJ
 CL311-0149-2

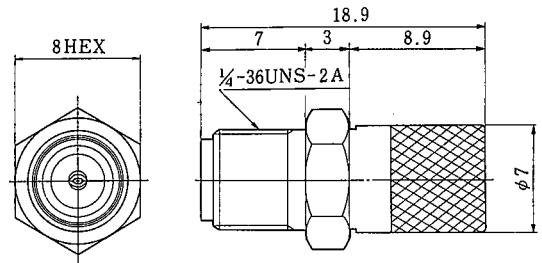
BWA SERIES RF CO-AXIAL CONNECTORS

Fig.65



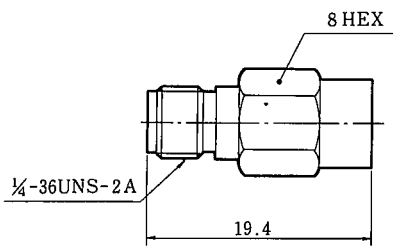
HRMJ-POBJ-PA
CL311-0150-1

Fig.66



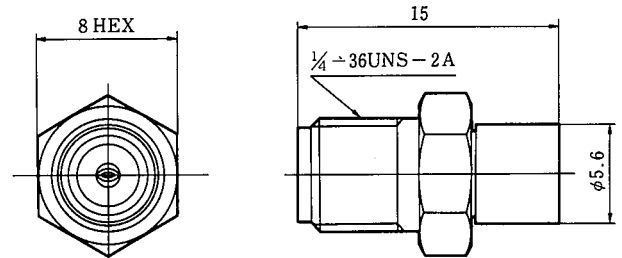
HRMJ-PODP
CL311-0157-0

Fig.67



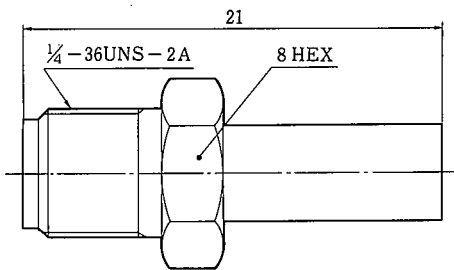
HRMJ-POD1P-1
CL311-0254-7

Fig.68



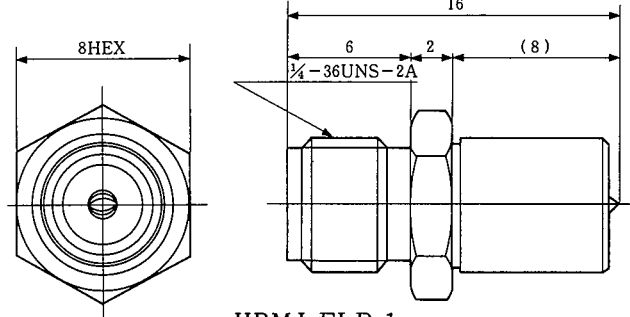
HRMJ-PO6P
CL311-0173-7

Fig.69



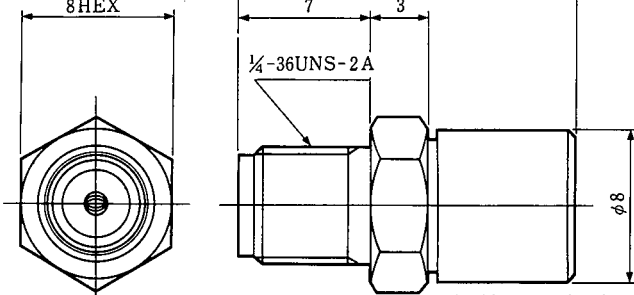
HRMJ-PO51P
CL311-0231-1

Fig.70



HRMJ-FLP-1
CL311-0195-0

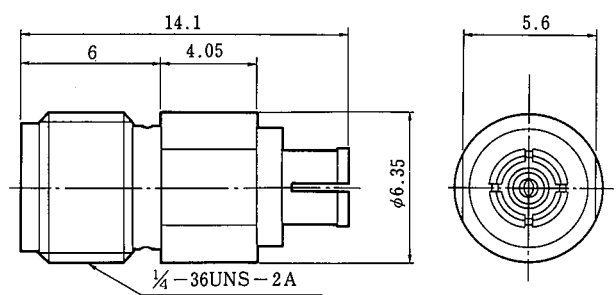
Fig.71



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

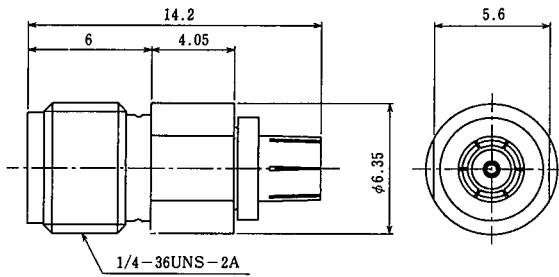


HRMJ-S.FLP
CL311-0218-3

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

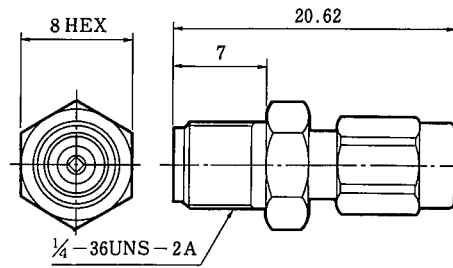
BWA SERIES RF CO-AXIAL CONNECTORS

Fig.73



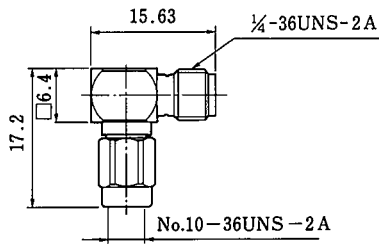
HRMJ-H.FLP-3
CL311-0264-0

Fig.74



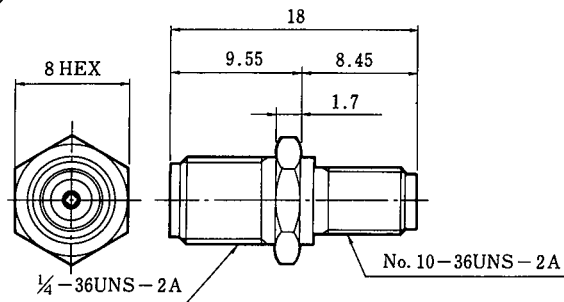
HRMJ-HRMMP-2
CL311-0221-8

Fig.75



HRMJ-HRMMP-LA
CL311-0227-4

Fig.76



HRMJ-HRMMJ
CL311-0220-5