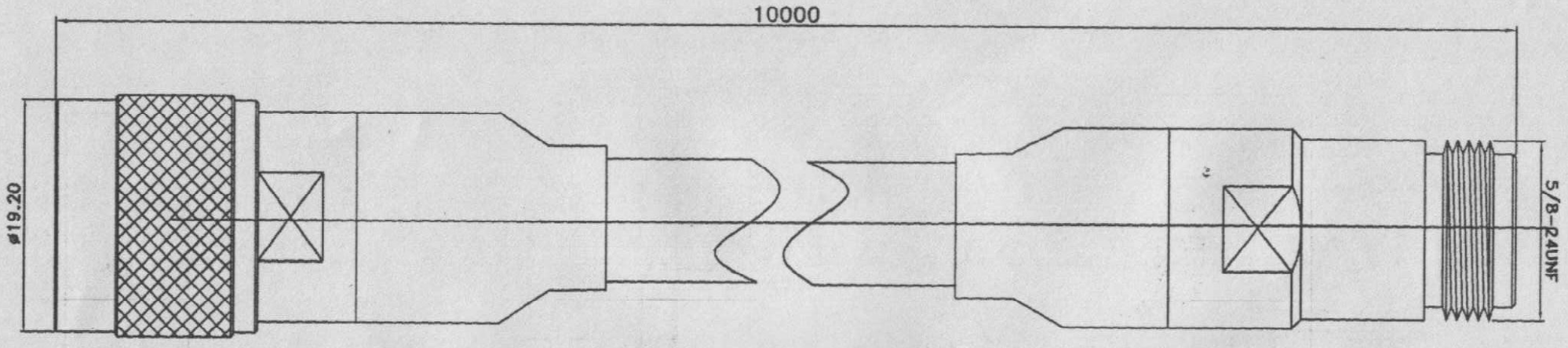
| REV | DESCRIPTION | DRAWN | DATE |
|---|---|---|---|
| | | | |
| | | | |




## HDF 400

### Physical Characteristics

| Type Nr. | Inner | Dielectric | Outer | Standard | Weight |
|---|---|---|---|---|---|
| | Conductor O.D. | O.D. | Conductor O.D. | Jacket | kg/m |
| | in (mm) | in (mm) | in (mm) | in (mm) | |
| HDF400 | .109 (2.77) | .285 (7.24) | .320 (8.13) | .405 (10.3) | 0.108 |
| | Copper-clad | closed cell | Sealed Al./ | Black PVC | |
| 1/4" | aluminum | PE | Mylar*/Al.+ | | |
| RG8/U | 1.41 /Mft | | Tinned copper braid, | | |
| JIS | 4.60 /km | | 85% | | |
| 8D type | | | 1.65 / Mft | | |
| | | | 5.41 /km | | |

### Electrical Characteristics

| Nominal Impedance (ohms) | Nom. Velocity of propagation | Capacitance pF / ft (pF/m) | Nominal Attenuation MHz | dB/ 100ft | dB/ 100m |
|---|---|---|---|---|---|
| 50 | 85% | 24.0 (78.4) | 30 | .67 | 2.2 |
| | | | 150 | 1.5 | 5.0 |
| | | | 450 | 2.7 | 8.8 |
| | | | 900 | 3.9 | 12.7 |
| | | | 1500 | 5.1 | 16.8 |
| | | | 2000 | 6.0 | 19.7 |

| NO | Description | Q'ty | Material | Finish |
|---|---|---|---|---|
| 3 | N-1115-1-B4-TGN | 1 | BRASS | NICKEL |
| 2 | HDF400 | 1 | | |
| 1 | N-1109-1-B4-TGN | 1 | BRASS | NICKEL |

UNLESS OTHERWISE SPECIFIED
1. REMOVE ALL BURRS.
2. BREAK ALL CONNERS & EDGES C0.15 MAX.
3. CHAMFER 1ST & LAST THREADS 45°.
4. DIAMETERS ON COMMON CENTERS, TO BE CONCENTRIC WITHIN 0.1 T.I.R.
5. ALL DIMENSIONS ARE AFTER PLATING.

* MAJOR DIMENSION

UNLESS OTHERWISE NOTED TOLERANCES
0.5–6=±0.2
6–30=±0.4
30–120=±0.6
120–315=±1.0
ANGLES=±1°

SCALE 3/1 UNIT MM

APPROVED

CHECKED

DRAWN PEN

DRAWN DATE 05/12/04

Solwise

TITLE N1109–N1115

DRAWING NO. 11091F411151-I10000 REV A

FILE NO: \DWG\11091F411151-I10000