



**.020 DIA.
50 OHM COPPER**

| HCMC PART NUMBER | HC11000-1 | HC11000-3 | | |
|--|------------------|------------------|---------------|------------------|
| IMPEDANCE OHMS | 50 ± 2 | 50 ± 2 | | |
| DIELECTRIC STRENGTH KVRMS 60 Hz | 0.75 | 0.75 | | |
| CORONA EXTINCTION KVRMS 60 Hz | 0.50 MIN. | 0.50 MIN. | | |
| MAX OPERATING FREQUENCY GHz | 270 | 270 | | |
| MAX.ATTENUATION db/100 FT.AT 20°C AND AVG.PWR., W ATTS, UNITY VSWR,40°C AMB.,STILL AIR | | | | |
| FREQUENCY GHz | ATTEN. | AVG. PWR. | ATTEN. | AVG. PWR. |
| 1 | 85.0 | 7.5 | 85.0 | 7.5 |
| 10 | 280.0 | 2.6 | 280.0 | 2.6 |
| 20 | 381.0 | 2.0 | 381.0 | 2.0 |

| | | |
|--|-------------|----------------|
| INNER CONDUCTOR O.D. INCHES | .0044±.0002 | .0044±.0002 |
| INNER CONDUCTOR MATERIAL | SPCW | SPCW |
| DIELECTRIC O. D. INCHES | .015±.001 | .015±.001 |
| OUTER CONDUCTOR O. D. INCHES | .020±.001 | .020±.002-.001 |
| OUTER CONDUCTOR MATERIAL | COPPER | COPPER/TIN |
| SAFE BEND RADIUS PROPER TOOLING, INCHES | .050 | .050 |
| MAX. WEIGHT LBS. / 1000 FT. | 1.0 | 1.2 |
| OPERATING TEMPERATURE MAX. DEGREES C | -55 / +100 | -55 / +100 |

| HCMC PART NO 'S | OUTER CONDUCTOR MATERIAL / FINISH | INNER CONDUCTOR MATERIAL / DIELECTRIC |
|------------------------|--|--|
| HC11000-1 | COPPER | SPCW / PTFE, F1 |
| HC11000-3 | COPPER / TIN | SPCW / PTFE, FI |

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