



EZBend

Military (MIL-C-17) Cables

.141 DIA.

50 OHM COPPER

[<< Back to Listing](#)

MIL-C-17 Part Number

M17/130-00004,
M17/130-RG402

M17/130-00005,
M17/130-00001

HCMC Part Number

HC 90000-1,
HC 90000-1H

HC 90000-3,
HC 90000-3H

Electrical Data

Impedance (Ohms)

50 +/- 1.0

50 +/- 1.0

Dielectric Strength (KVRMS 60 Hz)

5.0

5.0

Corona Extinction (KVRMS 60 Hz)

1.9 Min.

1.9 Min.

Max Operating Frequency (GHz)

36

36

Max. Attenuation, db/100ft. at 20° C and Avg. Pwr., Watts, unity VSWR, 40° C amb., still air

Frequency (GHz)

Atten.

Avg. Pwr.

Atten.

Avg. Pwr.

1.0

12.0

450.0

12.0

450.0

10.0

45.0

120.0

45.0

120.0

20.0

70.0

70.0

70.0

70.0

Mechanical Data

Inner Conductor O.D. (inches)

.0362 +/- .0007

.0362 +/- .0007

Inner Conductor Material

SPCW

SPCW

Inner Dielectric Material

PTFE,F1

PTFE,F1

Dielectric O.D. (inches)

.1175 +/- .001

.1175 +/- .001

Outer Conductor O.D. (inches)

.141 +/- .001

.141 +/- .002 -.001

Outer Conductor Material

Copper

Copper/Tin

Safe Bend Radius (proper tooling) (inch)

0.100

0.100

Max. Weight (lbs./1000ft.)

34.4

35.1

Operating Temperature Max. Degrees C

-55/ +125

-55/ +125



[<< Back to Listing](#)

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