

EZBend

Military (MIL-C-17) Cables

.086 DIA.

50 OHM COPPER

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MIL-C-17 Part Number	M17/133-RG405, M17/133-00006	M17/133-00001, M17/133-00007
HCMC Part Number	HC70000-1	HC70000-3

Electrical Data

Impedance (Ohms)	50 +/- 1.0	50 +/- 1.0
Dielectric Strength (KVRMS 60 Hz)	5.0	5.0
Corona Extinction (KVRMS 60 Hz)	1.5 Min.	1.5 Min.
Max Operating Frequency (GHz)	40	40

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	22.0	130.0	22.0	130.0
10.0	80.0	35.0	80.0	35.0
20.0	120.0	20.0	120.0	20.0

Mechanical Data

Inner Conductor O.D. (inches)	.0201 +/- .0005	.0201 +/- .0005
Inner Conductor Material	SPCW	SPCW
Inner Dielectric Material	PTFE,F1	PTFE,F1
Dielectric O.D. (inches)	.066 +/- .002	.066 +/- .002
Outer Conductor O.D. (inches)	.0865 +/- .001	.0865 + .002 -.001
Outer Conductor Material	Copper	Copper/Tin
Safe Bend Radius (proper tooling) (inch)	.050	.050
Max. Weight (Lbs./1000ft.)	15.3	15.8
Operating Temperature Max. Degrees C	-55/ +125	-55/ +125

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