

EZBend

Military (MIL-C-17) Cables

.141 DIA.

50 OHM COPPER

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MIL-C-17 Part Number	M17/130-RG402, M17/130-00004	M17/130-00001, M17/130-00005
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HCMC Part Number	HC90000-1	HC90000-3
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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
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

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