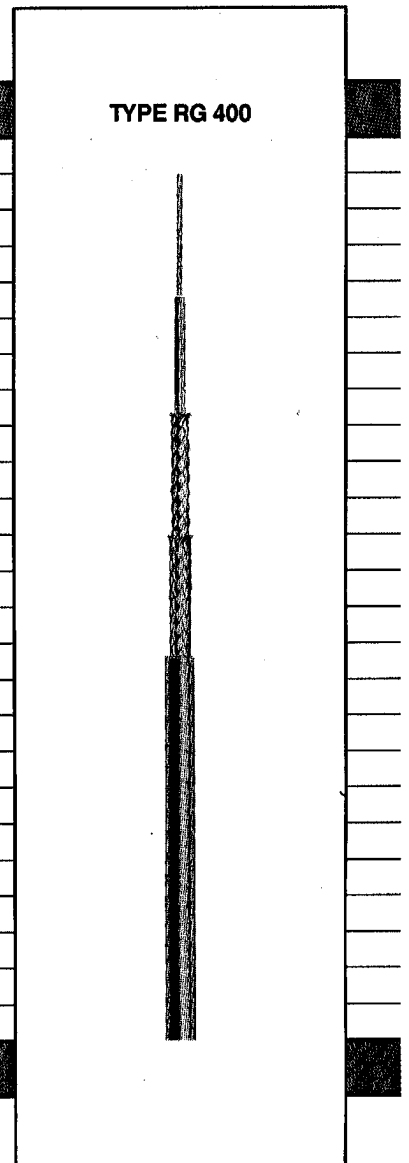


Coaxial Cable

056085 - SPECIFICATIONS

This coaxial cable conforms to specification MIL-C-17/175 A

ENGINEERING DATA	
Characteristic impedance	50 ± 2 Ohms
Capacitance (nominal value)	94 pF/m
Velocity of propagation	70% (of the speed of light)
Corona extinction voltage (50 Hz)	1,5 kV RMS
Dielectric strength of core (50 Hz)	3,8 kV RMS
Insulation resistance (500 V DC)	5000 Mohm × km
Max AC voltage for continuous use	1,8 kV PEAK
Max voltage for unidirectional pulse operation	3,6 kV PEAK
Nominal attenuation	See diagram
Maximum power rating in air	See diagram
Minimum bending radius	
– fixed mounting	25 mm
– multiple bending	50 mm
– mobile use	100 mm
Temperature range	– 55°C to +200°C
Weight nom.	64 kg/km
Variant	See reverse side

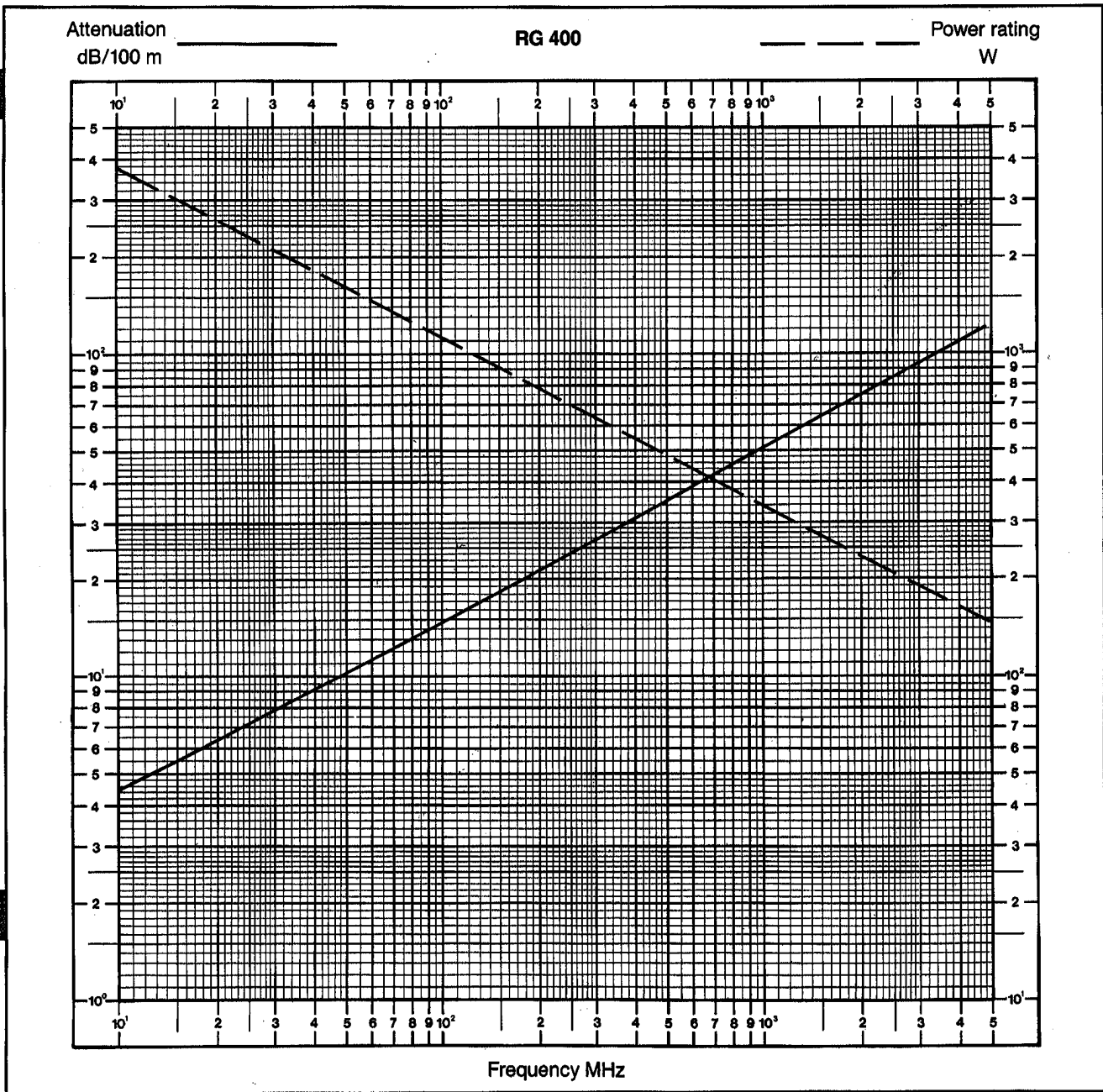


INNER CONDUCTOR	: Stranded silver plated annealed copper wire 19 × 0,20 mm	Ø 0,98 ± 0,03 mm
DIELECTRIC	: Solid PTFE extruded	Ø 2,95 ± 0,13 mm
OUTER CONDUCTOR	: Double braids of silver plated copper wires Diameter of braiding wire 0,13 mm	Ø 4,35 mm max.
JACKET	: FEP, transparent	Ø 4,95 ± 0,13 mm

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* VARIANT	CONSTRUCTION DIFFERENCE	PERFORMANCE DIFFERENCE	Attenuation values nom. at 20°C Power rating max. at 20°C, SWR 1.0 and sea level
M17/128-RG 400	None	Specified limits for SRL-values	Reprinted sep.-99 Subject to change without prior notice

* Can be manufactured upon request.

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