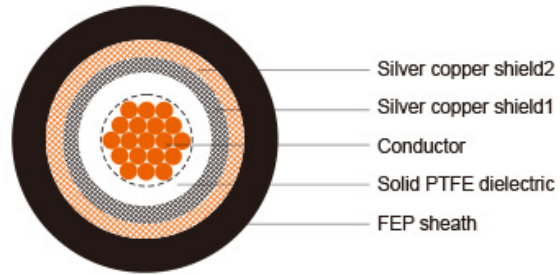


M17/128-RG400 (RG 400/U)



Construction

Inner conductor	Silver plated copper	19 x 0.20 mm
Dielectric	Solid PTFE	Φ2.95 ± 0.05 mm
Outer conductor(shield 1)	Silver plated copper	112 x 0.13 mm
Shield coverage		95%
Outer conductor(shield 2)	Silver plated copper	112 x 0.13 mm
Shield coverage		94%
Sheath	FEP	Φ4.90 ± 0.13 mm

Electrical & Mechanical Characteristics

Impedance	53±3 Ohm0
Nominal capacitance	94 pF/m
Velocity of propagation	70%
Insulation resistance	>2000 Mohm.Km
Inner conductor resistance	12.6 Ohm/Km
Outer conductor resistance	7.5 Ohm/Km
Test/Operatig Voltage(max)	5.0 KV/1.9 KV
Operating temperature range	-55 °C - +200 °C
Copper Weight	46 Kg/Km
Cable weight (approx.)	64 Kg/Km
Screening effectiveness	80dB

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100ft)
50	8.5	2.59
100	12.5	3.81
200	17.7	5.4
400	25.9	7.9
900	40.4	12.32
1000	43	13.11
2000	63.3	19.3
3000	79.4	24.21
5000	107	32.62
8000	141.7	43.2

Return Loss

30-300 MHz	>28dB
300-600 MHz	>25dB
600-900 MHz	>22dB