

Microwave coaxial Type: A 90 PPP



Engineering data

Cable design

Center conductor	silver-plated solid copper wire
Dielectric	ePTFE wrapped
Shield	silver-plated tape silver-plated copper
First Innerjacket	FEP
Reinforcement	Kapton® tape
Second Innerjacket	Polyurethane
Reinforcement	Kapton® tape
Jacket	Polyurethane
Out-side diameter	Ø 16,5 mm
Weight	0,284 kg/m

Electrical data

Impedance	50 ohms
Capacitance	80 pF/m
Frequency range	DC – 18 GHz.
V.S.W.R.	<1,30
Insertion loss	see table 1
Velocity of propagation	84 %
Shielding effectiveness	< -100 dB/m typical

Mechanical and environmental data

Temperature range	-65 to +100°C
Bending radius	100 mm (static) 140 mm (dynamic)
Flex life	>1.000.

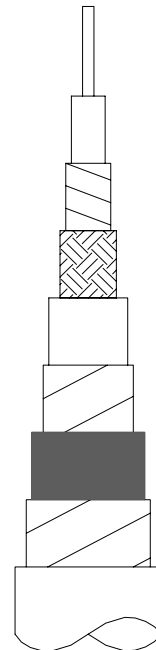
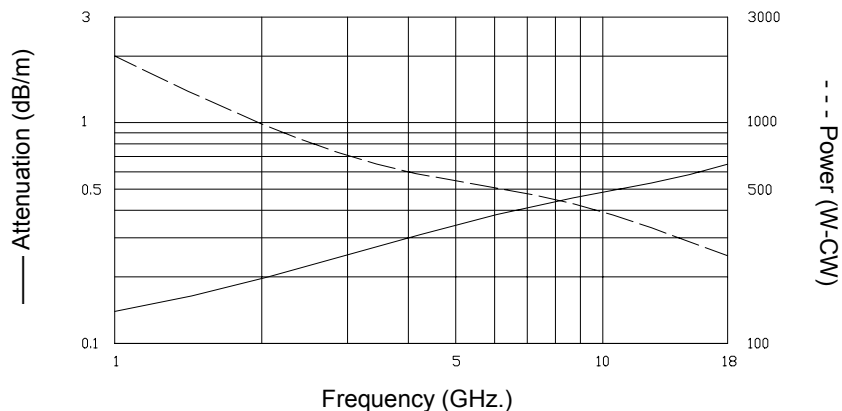


Table 1



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Shipboard ultra low loss coaxial cable

Frequency range:
DC – 18 GHz.

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This product is manufactured by Compagnie **Deutsch Bus & Microwave**.