

# Microwave coaxial

## Type: A 180 FP



### Engineering data

#### Cable design

Center conductor	silver-plated flexible copper wire
Dielectric	ePTFE wrapped
Shield	silver-plated tape wrapped silver-plated braid
Jacket	FEP
Out-side diameter	Ø 16,5 mm
Weight	0,352 kg/m

#### Electrical data

Impedance	50 ohms
Capacitance	80 pF/m
Frequency range	DC – 8 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 +165°C
Salt spray	96 hours
Bending radius	180 mm (static) 250 mm (dynamic)
Flex life	>15.000

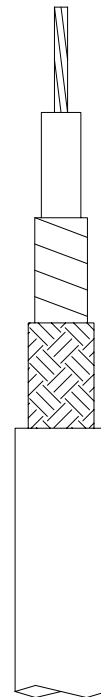
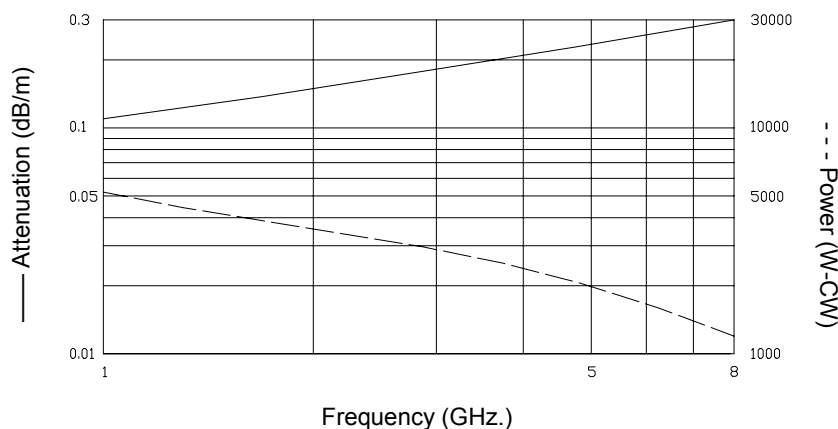


Table 1



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## High Dynamic ultra low loss coaxial cable

**Frequency range:**  
DC – 8 GHz.

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