

**High Performance Ultra Low Loss Microwave Cable**

**A90PPP-T8**

**Cable design**

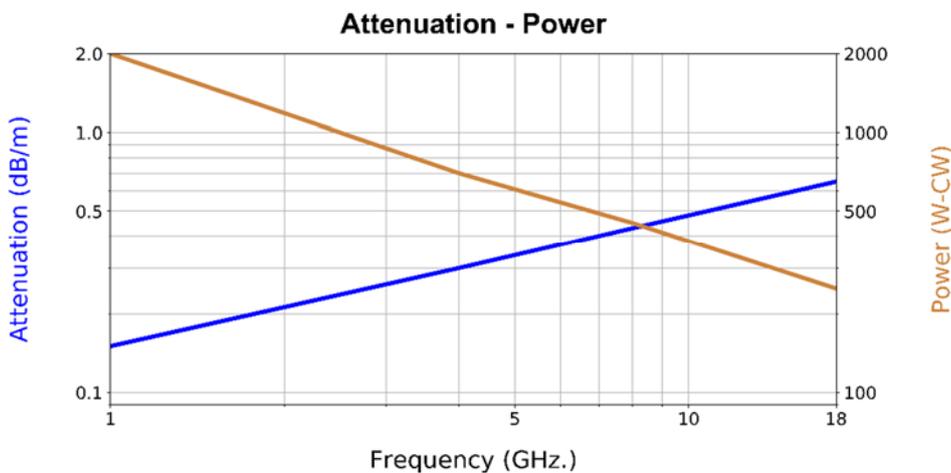
Center conductor	solid silver-plated copper wire
Dielectric	ePTFE
Shield	silver-plated copper tape silver-plated braid
First Innerjacket	FEP
Reinforcement	Kapton® tape
Second Innerjacket	Polyurethane
Reinforcement	Kapton® tape
Jacket	Polyurethane
Out-side diameter	Ø 16,5 mm
Weight	0,284 kg/m

**Electrical data**

Impedance	50 ohms
Capacitance	80 pF/m
Frequency range	DC – 18 GHz.
V.S.W.R.	<1,3
Insertion loss	see graph
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	80 mm (static) 120 mm (dynamic)



We supply tested cable harnesses made to your requirements.

Available connectors: 7/16 – NP – TNCP – SMA.

Optional protection available. Phase matching

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