

DC to 40 GHz, 2 W, 2.92mm (K) Coaxial Attenuators

ATK-XX02-40

ELECTRICAL SPECIFICATIONS:

Attenuation range	0 – 15 dB	20 dB	30 dB
Accuracy	±0.7 dB	±0.8 dB	±0.9 dB
Frequency range	DC – 40 GHz		
Impedance	50 Ω		
VSWR	≤1.25		
Input AVG power	2 W @ 25 °C ambient		
Power derating	Linear to 0.2 W at 100 °C		
Peak power	200 W (5 μs pulse, 1% duty cycle)		
Direction	Bidirectional		

MECHANICAL SPECIFICATIONS

Interface	2.92mm (K) male – female*
Standard	MIL-STD-348A
Weight	4.5 g

MATERIAL SPECIFICATIONS

COMPONENT	MATERIAL	FINISHING
Body, Nut	Stainless steel	Passivated
Center contact	BeCu	Gold
Insulator	PEI	-

ENVIRONMENTAL SPECIFICATIONS

Op. temperature	-55 / +100 °C
Storage temperature	-55 / +125 °C
Temperature coef.	<0.0004 dB/dB/°C
RoHS	Compliant (2011/65/EU RoHS 3)
REACH	Compliant (EC 1907/2006)

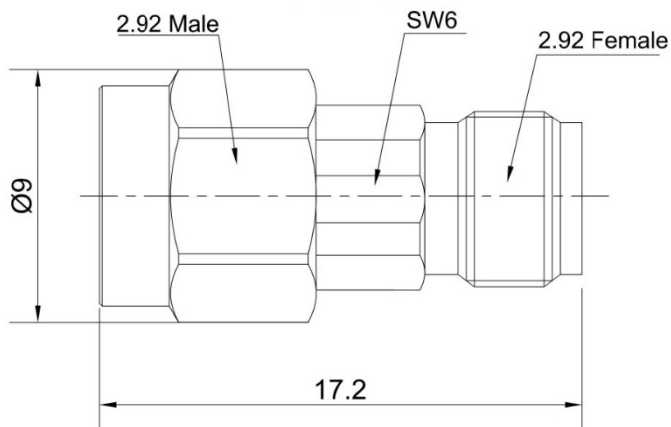


KEY FEATURES

- DC to 40 GHz extended microwave performances
- Reliable VSWR for accurate RF measurements
- Precise and stable attenuation
- Robust stainless steel construction
- 1-year standard warranty



DRAWING unit: mm



* Available models:

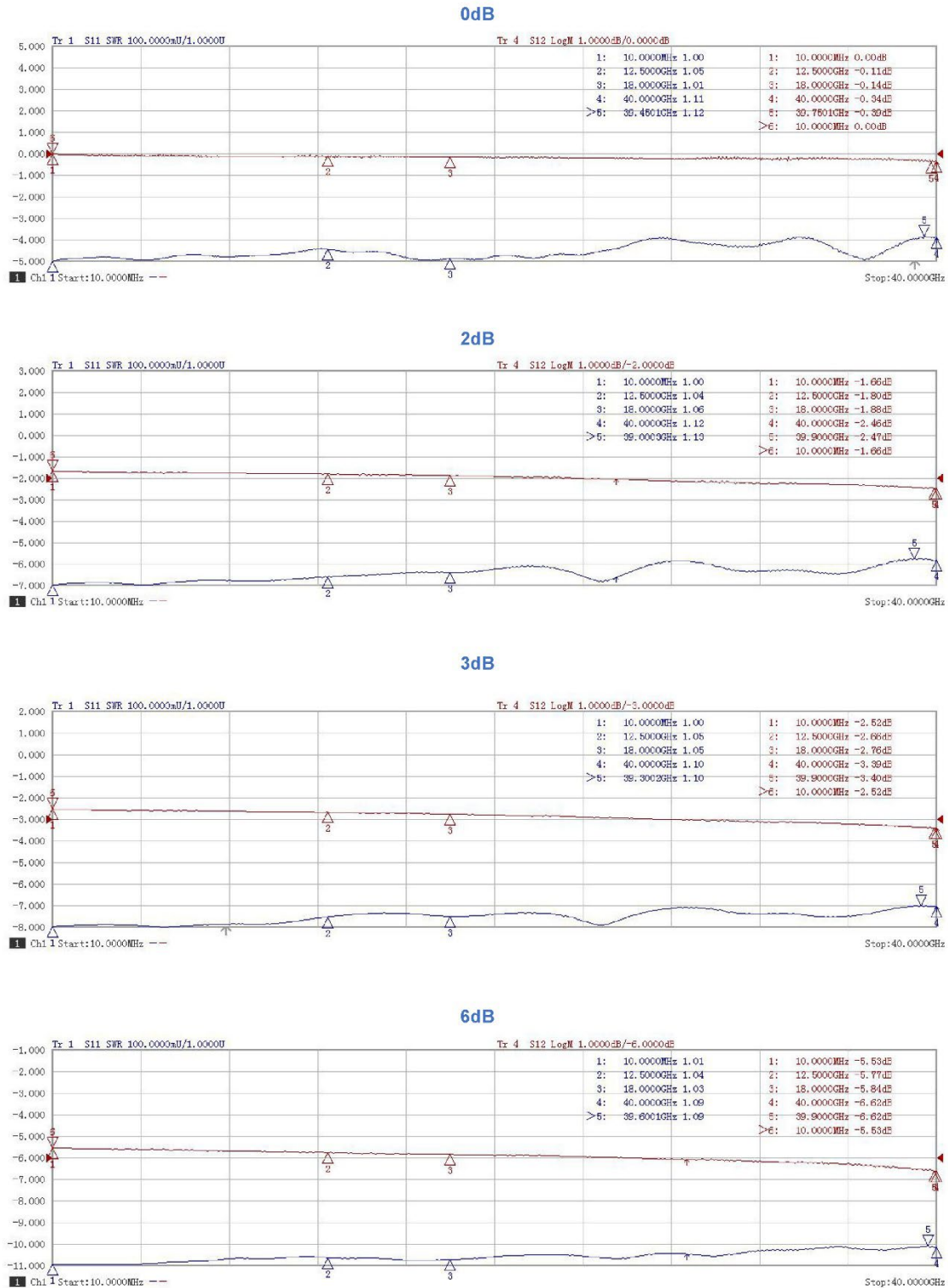
ATK-XX02-40: male to female
ATK-XX02A-40: male to male
ATK-XX02B-40: female to female

HOW TO ORDER: ATK-XX02-40 Where **XX** represents the **Attenuation** code ranging from **00** to **30**. (Example: ATK-**06**02-40 → 6dB Attenuation Value)

DC to 40 GHz, 2 W, 2.92mm (K) Coaxial Attenuators

ATK-XX02-40

TYPICAL TEST DATA (VSWR)

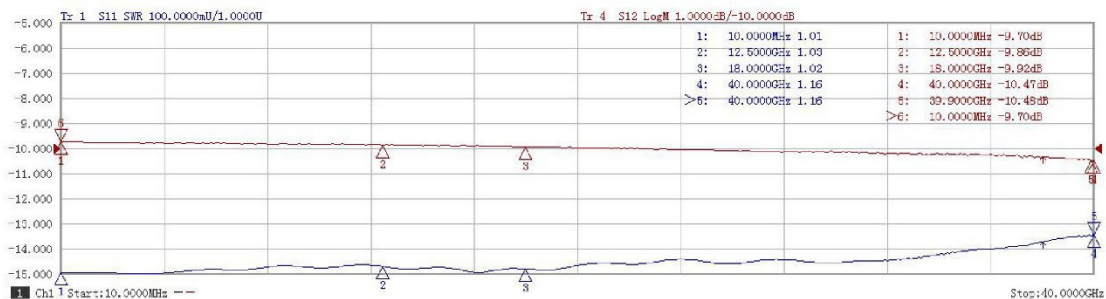


DC to 40 GHz, 2 W, 2.92mm (K) Coaxial Attenuators

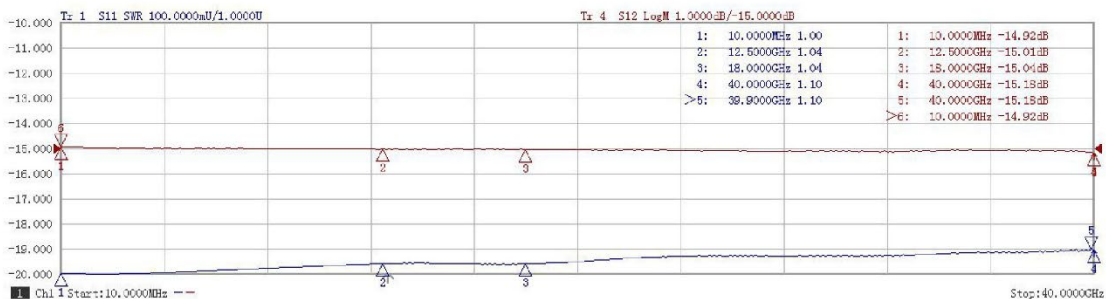
ATK-XX02-40

TYPICAL TEST DATA (VSWR)

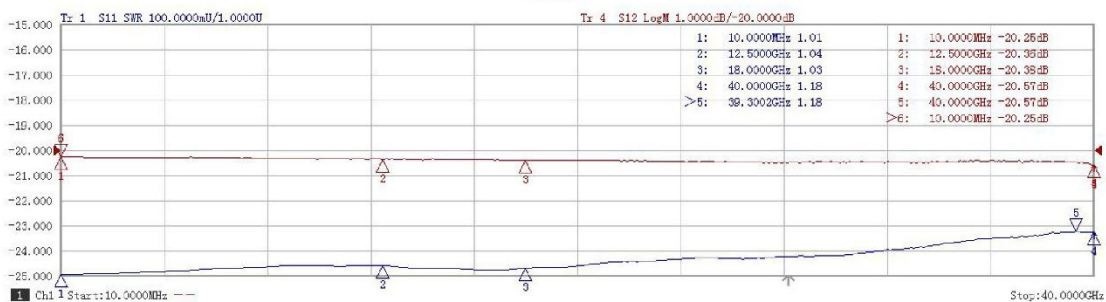
10dB



15dB



20dB



30dB

