

# COAXIAL ATTENUATORS

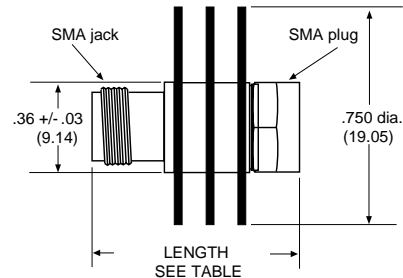
## DC - 26.5 GHz, 5 WATTS

**FREQUENCY RANGE:** DC - 18.0 GHz  
**ATTENUATION RANGE:** 0 - 30 dB  
**ATTENUATION ACCURACY**  
 0-6 dB: +/- 0.3 dB  
 7-20 dB: +/- 0.5 dB  
 21-30 dB: +/- 0.75 dB  
**INPUT POWER(@ 25 C):** 5 WATTS AVG.  
 (@ 125 C): 1.0 WATTS  
**PEAK POWER:** 250 WATTS MAX.  
**OPERATING TEMP RANGE:** -65 C TO +125 C  
**CONNECTORS:** SMA  
**CONNECTOR BODY:** Passivated Stainless Steel  
 Gold Plated  
**CONDUCTORS:** Beryllium Copper

MODEL NUMBER	FREQUENCY RANGE	VSWR (MAX.)	INPUT POWER @ 25 C
CS52-X	DC - 2.0 GHz	1.10:1	5 WATTS
CS54-X	DC - 4.0 GHz	1.15:1	5 WATTS
CS58-X	DC - 8.0 GHz	1.20:1	5 WATTS
CS512-X	DC - 12.4 GHz	1.25:1	5 WATTS
CS518-X	DC - 18.0 GHz	1.35:1	5 WATTS

REPLACE "X" WITH THE REQUIRED ATTENUATION VALUE.  
 ADD "M" FOR SMA MALE CONNECTORS. EX: CS518-30/M  
 ADD "F" FOR SMA FEMALE CONNECTORS. EX: CS512-20/F

CONNECTOR	LENGTH			
	0 - 12 dB		13 - 30 dB	
	Inches	Millimeters	Inches	Millimeters
MALE/FEMALE	0.86 +/- .03	21.8 +/- 0.8	0.99 +/- .03	25.1 +/- 0.8
MALE/MALE	0.98 +/- .03	24.9 +/- 0.8	1.11 +/- .03	28.2 +/- 0.3
FEMALE/FEMALE	0.87 +/- .03	22.1 +/- 0.8	1.00 +/- .03	25.4 +/- 0.8



**FREQUENCY RANGE:** DC - 26.5 GHz  
**ATTENUATION RANGE:** 3, 6, 10, 20, 30, 40 dB  
**ATTENUATION ACCURACY**  
 0-6 dB: +/- 0.3 dB  
 7-20 dB: +/- 0.5 dB  
 21-30 dB: +/- 0.75 dB  
 31-40 dB: +/- 1.50 dB  
**INPUT POWER(@ 25 C):** 5 WATTS AVG.  
 (@ 125 C): 1.0 WATT  
**PEAK POWER:** 250 WATTS MAX.  
**OPERATING TEMP RANGE:** -65 C TO +125 C  
**CONNECTORS:** 2.9mm  
**CONNECTOR BODY:** Passivated Stainless Steel  
 Gold Plated  
**CONDUCTORS:** Beryllium Copper

MODEL NUMBER	FREQUENCY RANGE	VSWR (MAX.)	INPUT POWER @ 25 C
CS526-X	DC - 26.5 GHz	1.45:1	5 WATTS

REPLACE "X" WITH THE REQUIRED ATTENUATION VALUE.  
 ADD "M" FOR SMA MALE CONNECTORS. EX: CS526-30/M  
 ADD "F" FOR SMA FEMALE CONNECTORS. EX: CS526-40/F

CONNECTOR	LENGTH			
	3-30 dB		31-40 dB	
	Inches	Millimeters	Inches	Millimeters
MALE/FEMALE	1.11 +/- .05	28.2 +/- 1.3	1.39 +/- .05	35.3 +/- 1.3
MALE/MALE	1.17 +/- .05	29.7 +/- 1.3	1.44 +/- .05	36.6 +/- 1.3
FEMALE/FEMALE	1.05 +/- .05	26.7 +/- 1.3	1.34 +/- .05	34.0 +/- 1.3

