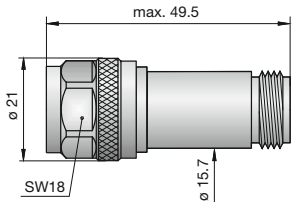
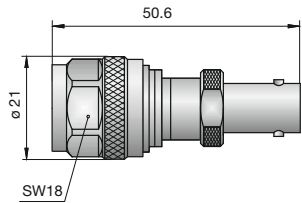


**Matching Attenuators**

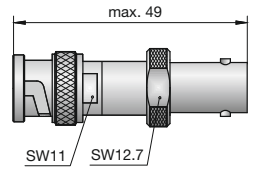
N 50 Ω male - N 75 Ω female

Ordering Number	Return Loss	Attenuation	Power Handling	
53 S 173-K00 N3	≥ 26.4 dB @ DC to 1 GHz ≥ 20.8 dB @ 1 to 2 GHz	5.72 dB	2 W @ 25 °C to 0 W @ 125 °C	

N 50 Ω male - BNC 75 Ω female

Ordering Number	Return Loss	Attenuation	Power Handling	
53 S 171-K00 N3	≥ 46 dB (male side), ≥ 44.5 dB (female side) @ DC to 30 MHz ≥ 42 dB (male side), ≥ 40.1 dB (female side) @ 30 MHz to 100 MHz ≥ 36.6 dB (male side), ≥ 34.1 dB (female side) @ 100 MHz to 300 MHz ≥ 28.3 dB (male side), ≥ 28.3 dB (female side) @ 300 MHz to 0.5 GHz ≥ 26.4 dB (male side), ≥ 23.1 dB (female side) @ 0.5 GHz to 1 GHz ≥ 23.1 dB (male side), ≥ 16.5 dB (female side) @ 1 GHz to 2 GHz	5.72 dB	1 W @ 25 °C to 0 W @ 125 °C	

BNC 50 Ω male - BNC 75 Ω female

Ordering Number	Return Loss	Attenuation	Power Handling	
51 S 171-K00 N4	≥ 46 dB (male side), ≥ 44.5 dB (female side) @ DC to 30 MHz ≥ 42 dB (male side), ≥ 40.1 dB (female side) @ 30 MHz to 100 MHz ≥ 36.6 dB (male side), ≥ 34.1 dB (female side) @ 100 MHz to 300 MHz ≥ 28.3 dB (male side), ≥ 28.3 dB (female side) @ 300 MHz to 0.5 GHz ≥ 26.4 dB (male side), ≥ 23.1 dB (female side) @ 0.5 GHz to 1 GHz ≥ 23.1 dB (male side), ≥ 16.5 dB (female side) @ 1 GHz to 2 GHz	5.72 dB	1 W @ 25 °C to 0 W @ 125 °C	

BNC 50 Ω female - BNC 75 Ω male

Ordering Number	Return Loss	Attenuation	Power Handling	
51 K 171-S00 N4	≥ 46 dB (male side), ≥ 44.5 dB (female side) @ DC to 30 MHz ≥ 42 dB (male side), ≥ 40.1 dB (female side) @ 30 MHz to 100 MHz ≥ 36.6 dB (male side), ≥ 34.1 dB (female side) @ 100 MHz to 300 MHz ≥ 28.3 dB (male side), ≥ 28.3 dB (female side) @ 300 MHz to 0.5 GHz ≥ 26.4 dB (male side), ≥ 23.1 dB (female side) @ 0.5 GHz to 1 GHz ≥ 23.1 dB (male side), ≥ 16.5 dB (female side) @ 1 GHz to 2 GHz	5.72 dB	1 W @ 25 °C to 0 W @ 125 °C	