

Key Features

- DC ~ 18 GHz, 50 Ohm impedance
- 0.50 dB Insertion Loss
- 1.22:1 VSWR
- Super SMA connector
- RG402 semi-rigid cable
- RoHS compliant

Applications

- Wide band interconnection
- Microwave systems
- RF bench tests
- Mobile base station applications



Absolute Maximum Ratings

CW RF Power	50 W
Voltage Withstanding, RMS	750 V
Operating Temperature	-55°C to +125°C
Storage Temperature	-55°C to +125°C

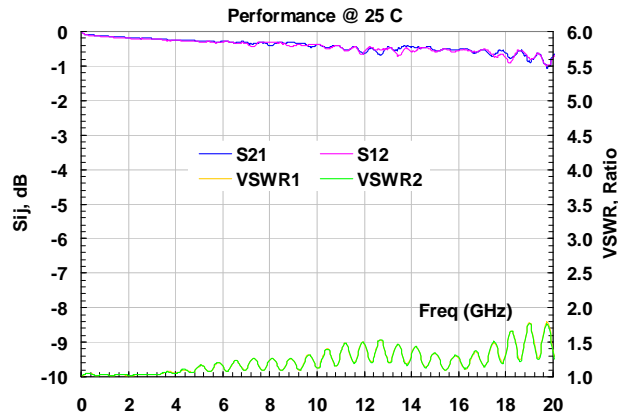
Ordering Information

Model	Length
WCBL01A	6 inches
WCBL02A	12 inches

Specifications (Tested at +25°C)

tem	Symbol	Test Constraints	Min	Nom	Max	Unit
Frequency Range	BW	50 Ohm Impedance	DC		18	GHz
Insertion Loss	S ₁₂	DC – 18 GHz, 6 Inches long		0.50	1.0	dB
		DC – 18 GHz, 12 Inches long		0.8	2.0	dB
VSWR	SWR	DC – 18 GHz		1.22:1	1.6:1	Ratio
Power Handling	P _o	DC – 18 GHz			50	W
Voltage Withstanding	V _{RMS}	RMS			750	V
Insulation Resistance	R _{IS}	DC			500	MOhm
Operating Temperature	T _o		-55		+125	°C

Typical Performance



Outline

