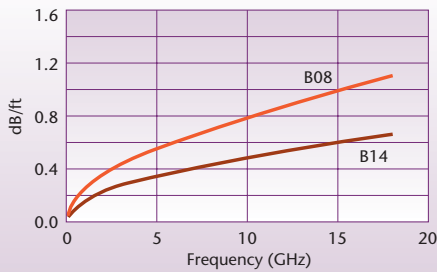


## JumpShot™ – Series B

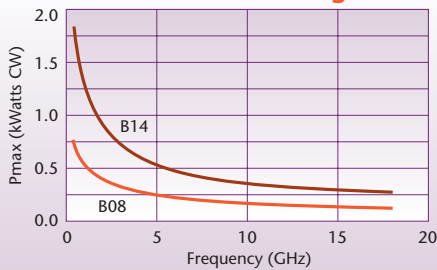
Best Overall Value – Most Popular Jumper • Test Fixtures • BERT Data/Clock/Sync



**Cable Attenuation @ STP**



**Cable CW Power Handling @ STP**



### Standard Connectors

**B08:** MCX, MMCX, SMA, SMB, SMC, SMP

**B14:** BNC, SMA, Type N

Other connectors available upon request.

### JumpShot™ Typical Insertion Loss<sub>dB</sub> = (Attenuation)(Length) + 2(Connector Loss)

Frequency		Attenuation				Connector Loss dB	SWR
GHz	Band	B08		B14			
		dB/ft	dB/m	dB/ft	dB/m		
0.450	VHF	0.05	0.16	0.03	0.08	0.01	1.02:1
0.512	UHF	0.17	0.56	0.09	0.29	0.02	1.04:1
0.900		0.23	0.75	0.12	0.39	0.02	1.05:1
1.000	L	0.24	0.79	0.13	0.42	0.03	
1.900		0.34	1.10	0.18	0.59	0.03	
2.000	S	0.35	1.13	0.18	0.60	0.04	1.10:1
3.000		0.42	1.39	0.23	0.75	0.04	
4.000	C	0.49	1.60	0.27	0.87	0.05	1.15:1
5.000		0.54	1.78	0.30	0.98	0.06	
6.000		0.59	1.94	0.33	1.07	0.06	
7.000		0.63	2.08	0.35	1.15	0.07	
8.000	X	0.69	2.25	0.38	1.25	0.07	1.20:1
9.000		0.74	2.41	0.41	1.35	0.08	
10.000		0.78	2.57	0.44	1.44	0.08	
12.000		0.87	2.87	0.49	1.62	0.09	
12.400	Ku	0.89	2.92	0.50	1.65	0.09	1.25:1
14.000		0.96	3.15	0.54	1.79	0.09	
15.000		1.00	3.29	0.57	1.87	0.10	
16.000		1.04	3.42	0.59	1.95	0.10	
18.000		1.12	3.68	0.64	2.11	0.11	1.30:1

### JumpShot™ Electrical Data

	B08	B14
Maximum Frequency	26.5 GHz	26.5 GHz
Impedance	50 Ω nominal	50 Ω nominal
Propagation Velocity	69% nominal	69% nominal
Time Delay	1.47 ns/ft (4.82 ns/m)	1.47 ns/ft (4.82 ns/m)
Capacitance	29.0 pF/ft (95.1 pF/m)	29.0 pF/ft (95.1 pF/m)
Shielding Effectiveness	< -90 dB	< -90 dB
Dielectric Constant	2.1	2.1
Dielectric Withstanding Voltage	1.0 kV at 60 GHz	3.0 kV at 60 GHz

### JumpShot™ Mechanical Data

	B08	B14
Jacketed Outer Diameter	0.104 in (2.64 mm)	0.163 in (4.14 mm)
Shield Outer Diameter	0.086 in (2.18 mm)	0.141 in (3.85 mm)
Bend Radius	0.500 in (12.70 mm)	0.500 in (12.70 mm)
Operating Temperature Range	-76 to 347°F (-60 to +175°C)	-76 to 347°F (-60 to +175°C)
Jacketed Weight	0.014 lbs/ft (0.021 kg/m)	0.032 lbs/ft (0.048 kg/m)
Maximum Assembly Length	350 ft (107 m)	350 ft (107 m)
Flexibility Rating – Highest = 5.0	5.0	4.5

### JumpShot™ Cable Construction

	B08	B14
Inner Conductor	Solid Ag-plated Cu-clad Steel	Solid Ag-plated Cu-clad Steel
Dielectric	PTFE Solid	PTFE Solid
Outer Conductor	Helical Strip / Round Braid	Helical Strip / Round Braid
Outer Jacket	FEP - G	FEP - G