

RF Test/Jumper Cables Phase Stable over Temperature Change

TSX90(27GHz) & TSA90(18GHz)



DC to 18GHz & 27GHz
Phase Stable over Temperature
Amplitude Stable
Low VSWR (1.20:1 Typical)
Cable O.D. 0.150" FEP Jacket
Operates up to 125C°
Ruggedized Termination Area
Triple Shield Cable Construction

Characteristic	6GHz	12GHz	18GHz	27GHz
VSWRmax	1.30:1(1.20:1 Typical)			
Attenuation/ft	0.45dB	0.67dB	0.85dB	1.09dB
Max Power	55W	29W	20W	14W
Phase Stability	±5° to 27GHz			
Amp. Stability	±0.2dB			
Cable VP	70%			
Phase Change	50PPM			
Delay	1.45ns/ft			
Capacitance	28.8pF/ft			
Shielding	> 95dB			
Minimum Bend	0.75″			
Temp Range	-55°C to 125C°			

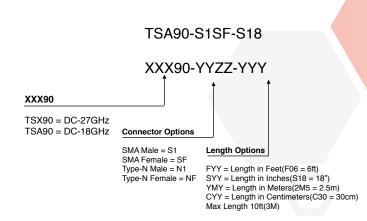
28lbs/1,000ft



ConductRF's DC to 18GHz TSA90 with Type-N and SMA options as well as our TSX90 with extended frequency 27GHz SMA solutions, are built with a special dielectric material that eliminates the "Teflon Knee" in Phase change over Temperature, which is a common cause for performance variance in RF Cables used in different environments.

These cables are over 30% smaller than traditional Lab Test Cables, so offer users increased flexibility and density particularly where multiple cables are used together such as Semi-Conductor Testing.

With connector options up to 27GHz, these cables can offer users solutions for both RF Test and also internal system cables. The triple shielding feature also ensure greater effectiveness for EMI.



Cable Weight
Data subject to change without notice.

