



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° | | | |
| Cable Weight | 28lbs/1,000ft | | | |

Data subject to change without notice.

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.

