



50Ω Low Loss RF Test Cables TSA74 Series

N, TNC, SMA & 3.5mm Connectors

Frequency DC-18GHz & DC to 27GHz
 Optimized for Low Loss
 Expanded PTFE Cable
 0.195" Dia FEP Jacket
 Stainless Steel Connectors
 Ruggedized Termination Area
 Stable Performance under Flexing
 Available with Phase Matching



Characteristic	18GHz	27GHz
VSWRmax	1.35:1	
ILmax (2ft) - dB	1.005	1.249
ILmax (4ft) - dB	1.698	2.116
ILmax (0.5M) - dB	0.880	1.093
ILmax (1.0M) - dB	1.448	1.804
Max Power	170W	140W
Max Voltage	1,000VRMS min.	
Minimum Bend	1in.(25mm)	
Velocity of Prop.	82%	
Capacitance	25.0pf/ft	
Shielding	95dB	
Temp Range	-55C to 110C	

ConductRF's TSA74 series Test Cables are designed for general purpose Manufacturing Test applications, particularly where **Low Loss** flexibility, long life & performance are key requirements.

These cables are ideal for repeated daily use for a host of RF test requirements including VSWR, Insertion Loss and Phase measurements.

Precision stainless steel connectors ensure a high cycle count and a ruggedized cable attachment offers protection from excess flex failure at the connector head.

Extended Frequency options to 27GHz are available as are options for mechanical enhancement including the addition of a Low Cost Flexible PVC Armor with a reinforced steel spring wire weave outer covering.

