



Broadband 75Ohm RF Test Cables

TSA83 Series

Type-F & Type-N Connectors



Frequency DC-3GHz
Low Structural Return Loss
Phase & Amplitude Stable
Better Echo Detection
Stainless Steel Long Life Interfaces
Ruggedized Termination Area
Nomex Covered Cable



ConductRF's TSA83 series of 75Ohm RF Test Cables are designed specifically for engineers and technicians working to validate the performance of the latest FDX DOCSIS Broadband and other related infrastructure.

These cables have successfully shown during Cable Lab's testing that due to their Low Structural Return Loss, resulting calibrations for residual S11 performance is considerable better than other market alternatives. This allows for improved measurements of Return Loss and better echo detection levels for broadband infrastructure.

Characteristic	Specifications
Impedance	75 Ohm
Cable Jacket	Nomex Covered FEP
VSWR	<1.11:1@1Ghz, < 1.13:1@3GHz
Max Power @ 25C	280W@1GHz, 150W@3GHz
Cable Velocity of Prop.	70%
Capacitance	19.2pF/ft
Shielding Effectiveness	>100dB
Minimum Bend	1 in
Temp Range	-55C to +105C

Part Number Builder

TSA83-N1F1-F10

TSA83-YZYZ-YYY

Y
 F = Type-F
 N = Type-N

Z
 1 = Straight Male
 F = Straight Female

YYY
 FYY = Length in Feet(F06 = 6ft)
 SYI = Length in Inches(S18 = 18")
 YMY = Length in Meters(2M5 = 2.5m)
 CYY = Length in Centimeters(C50 = 50cm)

Tr1 S11 Refl SWR RefLvl: 1 U Res: 100 mU/Div

