

TSA74

- 18GHz SOLUTIONS
- LOW LOSS & VSWR
- PHASE STABLE
- TRIPLE SHIELDED
- HIGH POWER HANDLING



TESTeCON Low Loss



Low Loss RF Test Cables

For RF Test Lab. & Production Testing;

Performance;

- Phase Stable Testing ± 4 Deg to 18GHZ
- Amplitude stable to ± 0.2 dB to 18GHZ
- Max Power 170W @ 18GHZ
- Flex Life over 13,000 Cycles
- Cable Attn. < 0.330 dB/ft @ 18GHZ
- VSWR $< 1.30:1$ (Typical $< 1.20:1$)
- Operating Temp -55°C to 125°C

Material Specifications;

Cable

Cable OD - $\varnothing 0.195$ "($\varnothing 5$ mm)
Shielding > 100 dB
Min.Bend r = 1.0"(r=25mm)
Rec.Flex - $\varnothing 6.0$ "($\varnothing 150$ mm)
(Recommended Min. Flex \varnothing for Optimum Performance)

Connectors

Housings - Stainless Steel
Dielectrics - Teflon
Contacts - Beryllium Copper
Mating Cycles > 500

(Cross Threading & Excess Tightening Diminishes Mating Life)



Configuration Chart

TSA74-S1S1-S30

TSA74-YYZZ-YYY

YYZZ = 18GHz Connector Options

SMA Male = S1
SMA Female = SF
Type-N Male = N1
Type-N Female = NF
TNC Male = T1
TNC Female = TF
3.5mm Male = E1
3.5mm Female = EF

YYY = Length Options

FYY = Length in Feet(F06 = 6ft)
SYY = Length in Inches(S30 = 30")
YMY = Length in Meters(2M5 = 2.5m)
CYY = Length in Centimeters(C90 = 90cm)

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