

TSA89

- 40GHz SOLUTIONS
- LOW LOSS/VSWR
- DOUBLE SHIELDED
- RUGGED COVER
- LIGHT WEIGHT



TESTeLINK RF Cables



High Frequency Rugged Test Cables

SMA, Type-N, 3.5mm, 2.92mm, & 2.4mm

Performance;

- Phase Stable Testing ± 4 Deg to 40GHz
- Amplitude stable to ± 0.1 dB to 40GHz
- Max Power 50W @ 40GHz
- Cable Attn. < 0.68 db/ft @ 40GHz
- Low VSWR $< 1.35:1$ (Typical $< 1.25:1$)
- Flex Life over 40,000 Cycles
- Operating Temp. -55°C to 125°C

Material Specifications;

Cable

Jacket OD - $\varnothing 0.195"$ ($\varnothing 5$ mm)
Shielding ≥ 100 dB
Min. Bend r = $1.2"$ (r=30mm)
Rec. Flex - $\varnothing 4.0"$ ($\varnothing 100$ 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

TSA89-D1D1-S24

TSA89-YYZZ-YYY

YYZZ = Connector Options

2.4mm Male (50GHz) = C1
2.4mm Female (50GHz) = CF
2.92mm Male (40GHz) = D1
2.92mm Female (40GHz) = DF
3.5mm Male (32GHz) = E1
3.5mm Female (32GHz) = EF
SMA Male = S1
SMA Female = SF
Type-N male = N1
Type-N Female = NF

YYY = Length Options

FYY = Length in Feet (F06 = 6ft)
SYY = Length in Inches (S18 = 18")
YMY = Length in Meters (2M5 = 2.5m)
CYY = Length in Centimeters (C30 = 30cm)

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