

TEA80

- DC to 18GHz
- PHASE STABLE
- AMPLITUDE STABLE
- TRIPLE SHIELDED
- LOW VSWR & LOSS



TESTeCON RF Cables



50Ω RF Test Cables

SMA, Type-N & TNC

Solutions for Production & Lab Testing

Attribute (20°C, Sea Level)	6GHz	18GHz
Phase Stability	±2°	±4°
Amplitude Stability	±0.1dB	±0.2dB
Max Power (CW)	180W	88W
Cable Attenuation	0.33dB/ft	0.68dB/ft
Typ. VSWR _(Return Loss)	1.10:1 _(RL26dB)	1.13:1 _(RL24dB)
Flex Life	50,000 Cycles	
Operating Temp	-55°C to 125°C	

Specifications;

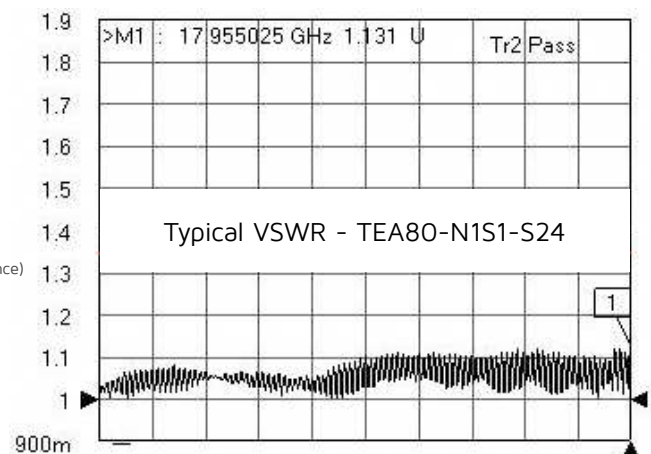
Cable

Jacket - Dark Blue FEP
Cable OD - Ø0.195"(Ø5.0mm)
Triple Shielding ≥ 100dB
Min. Bend r = 1.0"(r=25mm)
Rec. Flex - Ø4.0"(Ø100mm)
(Recommended Min. Flex Ø for Optimum Performance)

Connectors

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

(Cross Threading & Excess Tightening Diminishes Life)



Configuration Chart

TEA80-N1S1-S24

TEA80-YYZZ-YYY

YYZZ = 18GHz Connectors

SMA Male = S1
SMA Female = SF
Type-N Male = N1
Type-N Female = NF
TNC Male = T1
TNC Female = TF

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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