

# 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;

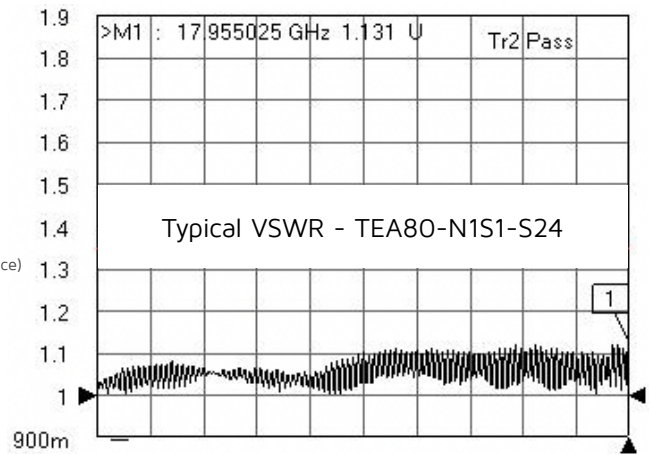
#### Cable

- 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)
- SY Y = Length in Inches(S18 = 18")
- YMY = Length in Meters(2M5 = 2.5m)
- CYY = Length in Centimeters(C30 = 30cm)

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