



# PFT33 Micro Flexible NanoRF Cables

## Vita67.3 Nanominiature VPX Coax High Density Modular System



Modular solution supports 8 to 18 positions  
 Flexible 0.047" Diameter Cable  
 Supports frequency up to 70GHz  
 Use with Standard Solutions (SMA, SMPM, etc)  
 Twice density of Vita67.1  
 Preferred TE Partner for Cables



Characteristic	PFA33
Attenuation - 12GHz	0.409db/ft
Attenuation - 18GHz	0.512db/ft
Attenuation - 26GHz	0.630db/ft
Attenuation - 40GHz	0.807db/ft
Attenuation - 50GHz	0.920db/ft
Attenuation - 65GHz	1.008db/ft
Minimum Bend	0.25"
Velocity of Prop.	70%
Capacitance	29pF/ft
Shielding	> 95dB
Temp Range	-65°C to 125°C

ConductRF's PFT33 Series of Micro Flexible Cable Assemblies has been designed directly with TE Connectivity involvement and in partnership to maximize the capabilities of TE's new Vita67.3 NanoRF VPX Modular connector system.

ConductRF offers its soft FEP jacketed  $\varnothing 0.047"$  cable to facilitate maximum flexibility and provides solutions for jumper cables or assemblies to SMA, MCX, SMP, SMPM etc. Phase matching of such cables is also possible. Contact the factory for further details.

Maximum operating temperature is up to 125°C.



Images for illustration only, Data subject to change. Performance measured at 25C.

### PFT3C-TNSS1-S36

### PFT3x-YYYYXZ-YYY

XXX  
PFT3 = Flex  $\varnothing 0.047"$  with TE NanoRF

x  
3= Max Freq,  
A=40GHz  
B=27GHz  
C=18GHz  
D=12GHz  
E=6GHz

YYY  
TNS = Socket Contact  
TNP = Pin Contact

YYY  
FYY = Length in Ft(F06 = 6ft)  
SYY = Length in In.(S18 = 18")  
YMY = Length in M(2M5 = 2.5m)  
CYY = Length in CM(C50 = 50cm)  
Max Length 10ft(3M)

Z  
1 = Straight Male  
2 = R/A Male  
F = Straight Female  
R = R/A Female

X(F. Max)  
B = 1.85mm(65GHz)  
C = 2.4mm(50GHz)  
D = 2.92mm(40GHz)  
S = SMA(18GHz)  
P = SMP/GPO(40GHz)  
PM = SMPM/GPPO(65GHz)

### PFT3C-TNSS1-S36- DC to 18GHz

