



PFT33 Micro-Flex RF Cables using TE NanoRF Contacts Higher-Density VITA67.3 Modules



Increased Density for Vita67.3
Flexible Micro RF Cable
Supports frequencies up to 70GHz
Use with Standard Solutions (SMA, 2.92mm, etc)
Twice density of SMPM Vita67 Standards



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 NanoRF VPX ecosystem for Modular connectors including Vita67.3. Offering 2 x the density of SMPM style Vita67 VPX systems.

ConductRF uses its soft FEP jacketed micro-flex cable to facilitate maximum flexibility and provides solutions for jumper cables or assemblies to SMA, 2.92mm, 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 ø0.047" with TE NanoRF

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

YYY
TNS = Socket Daughtercard Contact
TNP = Pin Backplane 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

