Phase/Temp Stable Semi/Rigid

0.141" & 0.085" Cable Sizes

Up to 40GHz Solutions

RoHS COMPLIANT

No PTFE Knee in Phase/Temp Performance
SMA, Type-N, SMP & more
Str & R/A Male and Bkhd Female solutions
Swept Cable N & SMA R/A Solutions
Low VSWR Connector Options
Corrosion Resistant Connectors

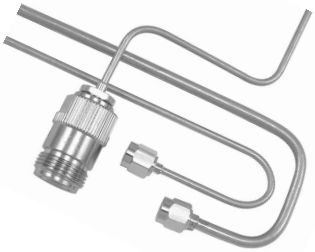
Connector Style	A28SRP	A29SRP
Max Frequency	40GHz	27GHz
Loss @ 18GHz	0..94dB/ft	0.50dB/ft
Cable O.D.	0.085"	0.141"
Cable Weight	1.4lb/100ft	2.9lb/100ft
Minimum Bend	0.250"	0.425"
Conductor	SPCCS	SPC
Delay nS/ft	1.23	
Cable VP%	82.5%	
Phase Tracking ppm	50	
Operating Temp	-55°C to 125°C	
Cable Jacket	Bare Copper	

ConductRF SPS series of Semi-Rigid Cables offers users the unique benefit of Phase Stability over Temperature Change. The assemblies are built using Semi-Rigid cable with a unique dielectric material that eliminates the common effect caused by PTFE which suffers from dramatic change in phase as temperatures change. The dielectric used in these cables make them suitable for use in applications where phase stability over temperature change is critical as in aerospace applications as well as in many production test environments.

ConductRF offers solutions for Ø0.085". cable that facilitates tighter routing and handling or, Ø0.141". that exploits the same great performance but with almost half the loss.

Standard connector options include SMA, Type-N, SMP and 2.92mm. Various other options up to 40GHz are also available. Our low profile swept N & SMA connectors are also suitable for these cables.

ConductRF guarantees it's performance through 100% factory RF testing prior to shipping.



SPS28-S1S1-S18

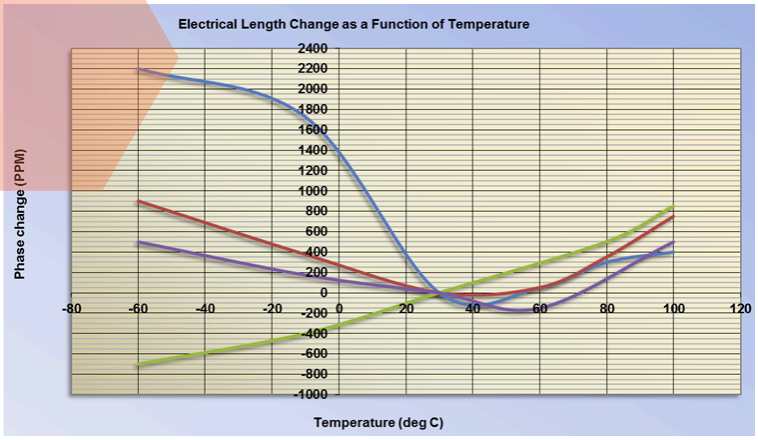
PFTXX-YZYZ-YYY

XX
28 = 0.085" Dia Cable(40GHz)
29 = 0.141" Dia Cable(27GHz)

Y
S = SMA
N = Type-N
D = 2.92mm
P = SMP

Z
1 = Straight Male
2 = Right Angle Male
3 = Bulkhead Female

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)
or Custom Variant for Custom Form



LD PTFE - TMS P.Track - SiO2 - A29SRP

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