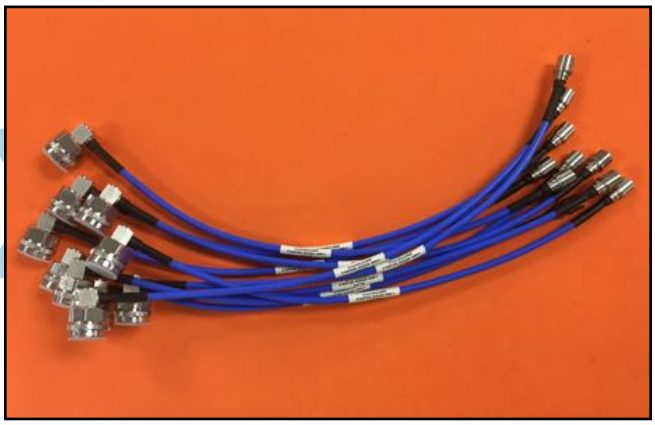
Low PIM 50Ω RF Jumpers

PN Series – Flexible Double Shielded Cables

Plenum Rated Solutions for DAS

Low Passive Intermod under -155dBc
Superior Cable Shielding
Stable Performance when Flexed
Optimized Connectors Attachment
Performance Options for 3GHz & 6GHz
UL910 Plenum Rated Cable



Characteristic	PN(A/B)44	PN(A/B)29
Center Conductor	Bare Copper	
Dielectric	Taped PTFE	
1st Shield	Tin Plated Copper Flat Braid	
2nd Shield	Tin Plated Copper Round Braid	
Cable Jacket	Blue FEP	
Shielding	>80dB	
Temp Range	-55C to +105C	
Cable Jacket OD	0.265"	0.160"
Min Bend Radius	1.375"	0.750"
Max Power at 900MHz	700W	390W
Capcitance	28.2 pf/ft	26.7 pf/ft
1GHz Attn/100ft-A&B	<7.6dB	<12.6dB
2GHz Attn/100ft-A&B	<12.3dB	<20.1dB
3GHz Attn/100ft-A&B	<15.8dB	<25.2dB
6GHz Attn/100ft-B	<20.0dB	<29.0dB

Images for illustration only, Data subject to change.

ConductRF PN series Low PIM flexible RF cable assemblies provides the Cellular and In-Building Wireless system designers with a versatile solution to connecting and configuring network needs for optimum Antenna placement and overall performance. These assemblies have been designed to minimize these effects of Passive Intermodulation, PIM. Utilizing ConductRF's new Low PIM Direct Solder Attachment Connectors, we provide high performance solutions for Low PIM interconnect including Straight, Right Angle, Bulkhead and Panel attachment. Performance better than -155dBc is validated through 100% testing at our factory. Cable options are available for either DC to 3GHz or 6GHz with a VSWR better than 1.20:1 with straight connectors. New options include mini DIN variants 4.1/9.5 and 4.3/10. The cable has a durable FEP Jackets and is Plenum rated to UL910 so is ideal for In-Building DAS applications Vex files can be downloaded at iBwave.com.

iBWAVE

PNA29-N1NF-W03

PNXXX-YZYZ-WYY

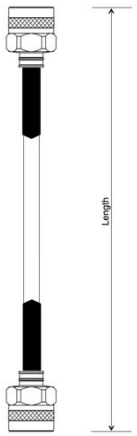
XXX
A44 = 0.265" with FEP Jacket DC-3GHz
A29 = 0.160" with FEP Jacket DC-3GHz
B44 = 0.265" with FEP Jacket DC-6GHz
B29 = 0.160" with FEP Jacket DC-6GHz

Y
S = SMA
Q = QMA
N = Type-N
D = 7/16
4 = 4.1/9.5
3 = 4.3/10

Z
1 = Straight Male
2 = R/A Male
3 = Bulkhead Mount
4 = Panel Mount
F = Straight Female

W
W = Tri-Metal

YY = Length in Feet



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