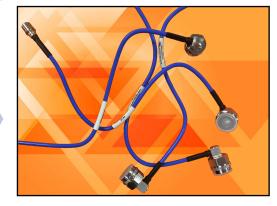# Low PIM 50Ω RF Cables
Hand Formable - FMP Series
Solutions Including Din, Nex10, 2.2/5 and more

Low Passive Intermod under -155dBc
Superior Cable Shielding
Stable Performance when Formed
Direct Solder Connector Attachment
Optimized Performance to 6GHz

Characteristic	FMP29
Center Conductor	Silver Plated Copper
Dielectric	PTFE
1st Shield	Tin Soaked Copper Braid
Cable Jacket	Blue FEP
Shielding	>95dB
Temp Range	-55C to +135C
Cable Jacket OD	0.160"
Min Bend Radius	0.400"
Max Power at 900MHz	325W
Capcitance	29 pf/ft
VSWR max	1.40:1
IL/Max Pwr-800MHz	10.1db/100ft - 380W
IL/Max Pwr-1900MHz	16.7db/100ft - 250W
IL/Max Pwr-2200MHz	18.8db/100ft - 205W
IL/Max Pwr-5800MHz	34.1db/100ft - 112W

Images for illustration only, Data subject to change.

ConductRF FMP series Low PIM Hand Formable RF cable assemblies provides the Cellular and In-Building Wireless system designers with a versatile solution to cabling and configurations needs for optimum Antenna placement. In recognition that PIM is caused by nonlinearity of components in the RF construction, these assemblies have been designed to minimize these effects and maximize the elements that minimize PIM. Utilizing ConductRF's new Low PIM Direct Solder Attachment Connectors, we can provide high performance solutions operating up to 6GHz in configurations for Low PIM including Straight, Right Angle, Bulkhead and Panel attachment. Performance better than -155dBc is validated through 100% testing. Using FEP jacketed hand formable cable, these cables may be bent in to fixed shapes to enable specific dressing and lay of cable within a system without suffering a natural spring effect experienced with flexible cables. DAS Designers can download ConductRF Vex Files from _iBwave.com_

iBWAVE

FMP29-N1NF-W03

FMP29-YZYZ-WYY

YY = Length in Feet

Y	Z	W
S = SMA	1 = Straight Male	W = Tri-Metal
Q = QMA	2 = R/A Male	
N = Type-N	3 = Bulkhead Mount	
D = 7/16	4 = Panel Mount	
X = Nex10/TX10	F = Straight Female	
4 = 4.1/9.5		
3 = 4.3/10		
2 = 2.2/5		

RoHS COMPLIANT

Tr1 S11 Refl SWR RefLvl: 1 U Res: 100 mU/Div

FMP29-D2N2-W03