Low PIM, Plenum DAS RF Cables

SPP-250-LLPL - PLA44 Series

SMA, N, 7/16 & Mini-Din Solutions

Low Passive Intermod under -155dBc
Stable Performance when Flexed
Suitable for Indoor & Outdoor use
R/A Configurations Available
Optimized Performance to 6GHz
UL910 Plenum Rated Cable

Characteristic	2GHz	6GHz
Impedance	50 Ohm	
Cable Diameter	0.280"	
Max Voltage	750 VMRS min.	
Velocity of Prop.	76%	
Capcitance	26.7 pf/ft	
Shielding Eff.	>100dB	
Minimum Bend	1.5 in.	
Temp Range	-55C to +105C	
VSWR	Better than 1.25:1	Better than 1.35:1
Insertion Loss	Under 0.225dB/ft	Under 0.407dB/ft
Max Power	460W	250W
Connector Finish	Low PIM Silver & Tri-Metal Finishes	
Cable Jacket	FEP (Fluoroplastic)	
Environment Use	Indoor/Outdoor	

Images for illustration only, Data subject to change.

ConductRF's PLA44 series of Low PIM flexible RF Jumper Cables provide Cellular and In-Building Wireless system designers with a versatile solution for network and cabinet cabling. The Plenum rated SPP-250-LLPL cable is suitable for Indoor and Outdoor use. ConductRF's Low PIM RF Connectors ensure performance better than -155dBc (2x43dBm Carriers). Interface gaskets provide IP67 rated interfaces when mated providing users with confidence in extreme weather conditions. Connector choices include SMA, Type-N, Din 7/16, Mini-Din 4.1/9.5 and now 4.3/10.

All PLA cables are 100% tested for PIM in 700MHz Cellular range where PIM conditions are most prevalent. Each cable is also tested for VSWR and IL. ConductRF's PLA44 is a proven stable solution for long term Low PIM excellence in todays DAS and LTE infrastructure build outs. ConductRF's PLA44 series of products use materials and finishes that ensure excellent long term performance and operation electrically and mechanically for both indoor and outdoor applications. PLA44 Vex files for DAS designed can be fond on iBwave.com.

PLA44-N1NF-W03

PLXXX-YZYZ-WYY

XXX
A44 = SPP-250-LLPL

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

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

WYY = Length in Feet (W03 = 3ft)
WMY = Length in M (WM2 = 2M)

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