



VXL5-50 Type Cables

RadioLinx cables are designed to provide the lowest attenuation and are pre-cut and assembled with connectors at the factory to ensure ultimate reliability and customer satisfaction.

Andrews VXL Series 7/8-inch Standard Cable, Standard Jacket VXL5-50 flexible feeder cable uses advanced processing technology to provide a lower cost/higher performance solution for wireless applications. Versatile and flexible, VXL series cable is ideal for installation in difficult areas such as lift shafts, monopoles, and collocated sites.

How to Contact Us: Sales and Support

All ProSoft Technology products are backed with unlimited technical support. Contact our worldwide Technical Support team directly by phone or email:

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VXL5-50 Type Cables

Faster Site Completion

VXL series cable makes the job go faster. VXL cable is easier to handle, easier to bend, and easier to install. Using "jumperless" VXL5-50 reduces the number of connectors and weatherproofing. The result is a faster tower build out.

The lowest loss solution in the industry

When used as a one-piece feeder line, VXL5-50 requires no antenna jumpers. It lowers VSWR, reduces insertion loss, and minimizes installation time. System designers and engineers can eliminate the need for jumper cables when VXL5-50, a 7/8-inch feeder cable is specified. It is suitable for continuous cable runs from the base station cabinet to the antenna.

Mechanical Specifications

Nominal Size	7/8-in
Jacket O.D.	1.08 in (27.5 mm)
Minimum Bend Radius	5 in (125 mm)
One Time Minimum Bend Radius	3.5 in (89 mm)
Bending Movement	12 ft lbs (16.3 N-m)
Number of Bends	15 min (40 typical)
Weight	0.29 lb/ft (0.431 kg/m)
Tensile Strength	225 lbs (102 kg)
Flat Plate Crush	80 lb/in (1.4 kg/mm)

Environmental Specifications

Installation Temp Range	-40° / +185°F
	-40° / +85°C
Storage Temp Range	-40° / +140°F
	-70° / + 60°C
Operating Temp Range	-67° / +185°F
	-55° / +85°C

Electrical Specifications

Voltage Withstand	1000 VDC
Peak Power	
Jacket Spark	8000 VRMS

Attenuation Average @ 2500 MHz

dB/100 ft	dB/100 m	Power kW
2.18	7.15	1.21

The following Cable Numbering chart shows a cable number example, and how the numbering is broken down.

C40M40-40-020				
C	40M	40	40	020
Designator for Cable	Cable Type	First Connector	End Connector	Length
	LMR400	N Plug	N Plug	Measured in Feet
Cable Types	19M = LMR195 40M = LMR400 60M = LMR600 VX5 = VXL5			
Connector Types	RP = Reverse Polarity RA = Right Angle Jack = threads on the outside BH = Bulkhead Plug = threads on the inside SMA = SMA Type Connector N = N Type Connector			
Connector Numbers	10 = RA RP SMA Plug 20 = RP SMA Plug 30 = RP SMA BH Jack 40 = N Plug 50 = N Jack 60 = RA N Plug 80 = N Jack BH			

Additional Products

ProSoft Technology offers a full complement of hardware and software solutions for a wide variety of industrial communication platforms.

Visit our web site at <http://www.prosoft-technology.com> for a complete list of products.

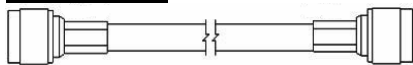
Extension Cables

C19M10-30-0XX (RP-SMA Plug to RP-SMA Jack)



LMR-195 Extension Cable with reverse polarity, right angle RP SMA female type connector on radio side and reverse polarity, SMA bulkhead connector on antenna side. Use to remotely mount antennas with RP female connectors.

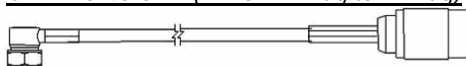
C40M40-40-XXX, C60M40-40-XXX, and CVX540-40-XXX (N Plug to N Plug)



LMR-400, 600, VLX5 type extension cables with standard N plug connector on both ends. Use to connect antenna to lightning protector on bulkhead.

Conversion Cables

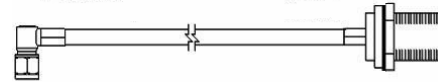
C19M10-40-0XX (RP-SMA Plug to N Plug)



LMR-195 type Conversion Cable with reverse-polarity, right angle RP SMA female type connector on radio side and standard N male plug connector on antenna side. Converts SMA connector type to N plug

type and normally attaches to enclosure side bulkhead lightning protector.

C19M10-80-0XX (RP-SMA Plug to N Jack)



LMR-195 type conversion cable with reverse polarity, right angle SMA female type connector on radio side and standard N bulkhead connector on antenna side. Converts SMA connector type to N bulkhead and normally attaches to extension cable on outside of enclosure for indoor applications (that is, no lightning protector)

C10M15-30-0XX (MMCX to RP-SMA Jack)



Cable for use with PC card radios.

C10M15-40-0XX (MMCX to N Plug)



Cable for use with PC card radios.

Ordering Information

To order this product, please use the following:

Part Number	Part Description
CVX540-40-100	100' VXL5 N Plug --> N plug cable
CVX540-40-120	120' VXL5 N Plug --> N plug cable
CVX540-40-140	140' VXL5 N Plug --> N plug cable
CVX540-40-160	160' VXL5 N Plug --> N plug cable
CVX540-40-180	180' VXL5 N Plug --> N plug cable
CVX540-40-200	200' VXL5 N Plug --> N plug cable
CVX540-40-400	400' VXL5 N Plug --> N plug cable

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