**Antennas**


**WiFi Antennas**

Minimize interference and maximize your WiFi network coverage with these gain-increasing antennas—even if you live in a concrete building. These antennas increase the range of your WiFi devices and are great tools to take advantage of free WiFi hotspots.

Eliminate the frustration of spotty WiFi coverage by upgrading your antenna—visit DXEngineering.com for complete specs.

- **MFJ-1800 Wi-Fi Antenna, Type-N Connector, 15 dBi Gain** $29.95
- **MFJ-1801 Wi-Fi Antenna, with Housing, Indoor/Outdoor, 15 dBi Gain** $61.95
- **MFJ-1802 Wi-Fi Antenna, Wide Area, 150 Degree Beamwidth, 8 dBi Gain** $43.95
- **MFJ-1804 Wi-Fi Antenna, Bi-Quad, 45 degree Beamwidth, 12 dBi Gain** $52.95
- **MFJ-1823 Wi-Fi Antenna, Dipole Duck, SMA Male Connector** $12.95

**Short Wave Listening Active Antennas**

Open your ears to the world with these tunable active antennas. MFJ’s SWL antenna designs set the standard by which other antennas are judged. You will get the best possible performance from an antenna that will last for decades.

The MFJ-1020C covers 300 kHz-40 MHz, including VLF, AM Broadcast, shortwave and all amateur bands. It requires 9 Vdc (battery or AC adapter) and includes a telescopic whip.

MFJ’s 1022 has a frequency range of 300 kHz to 200 MHz, including low and medium shortwave bands, plus VHF. It requires 9 Vdc (battery or AC adapter) and includes a telescopic whip.

For an excellent outdoor antenna, look to the MFJ-1024. It covers 50 kHz to 30 MHz with excellent dynamic range and low noise floor. It includes the control unit and has convenient mounting holes for easy installation.

- **MFJ-1020C Indoor SWL Active Antenna** $99.95
- **MFJ-1022 Indoor SWL Active Antenna** $69.95
- **MFJ-1024 Outdoor SWL Active Antenna** $149.95

**Apartment Antennas**

Renters need DX, too. MFJ comes to your rescue with powerful, compact and easy to install/uninstall antennas.

The MFJ-1622 lets you work 40 through 10 meters on HF, plus 6 and 2 meters on VHF—all using a single antenna. The universal mounting clamp attaches easily to window frames and outside railings, or inside clamped to a table or bookshelf. The radiator collapses to just 2.5 feet for easy storage. An HF choke balun, coax feed line, counterpoise wire and safety rope are included.

The MFJ-1795W is similar to the 1795, but covers the WARC Bands (12/17/30/60 meters).

- **MFJ-1621 Apartment Antenna, HF** $99.95
- **MFJ-1622 Apartment Antenna, 40M-2M** $99.95
- **MFJ-1795 Apartment Antenna, Vertical, HF** $169.95
- **MFJ-1795W Apartment Antenna, Vertical, WARC** $169.95

**Zepp Wire Antennas**

Classic antennas updated for the 21st century! Classic antennas updated for the 21st century! You can find two nearby trees, you can have a booming signal on many popular bands. These super-durable antennas give you almost 2 dB of gain for worldwide coverage. They are bi-directional, extremely quiet and can handle a whopping 1,500 watts. Just hang these wire antennas anywhere from 1/4 to 3/4 wavelengths above ground and start DX’ing the world.

- **MFJ-6115 15M End-Fed Zepp Wire Antenna** $32.95
- **MFJ-6117 17M End-Fed Zepp Wire Antenna** $34.95
- **MFJ-6120 20M End-Fed Zepp Wire Antenna** $35.95
- **MFJ-6130 30M End-Fed Zepp Wire Antenna** $39.95
- **MFJ-6140 40M End-Fed Zepp Wire Antenna** $44.95
- **MFJ-1748 80M End-Fed Zepp Wire Antenna** $79.95
- **MFJ-1742 20M Double-Zepp Extended Wire Antenna** $79.95

**Collinear Array Wire Antennas**

New! MFJ’s Collinear Array Wire Antennas are easy to hang up so you get on the air quickly. They feature custom fiberglass SO-239 mounts, 7-strand/14-gauge copper wire and glazed ceramic insulators. There’s no need for soldering or cutting, and these super-durable antennas give you excellent performance on several popular bands.

- **MFJ-6215 15M Collinear Array Wire Antenna** $39.95
- **MFJ-6217 17M Collinear Array Wire Antenna** $43.95
- **MFJ-6220 20M Collinear Array Wire Antenna** $44.95
- **MFJ-6230 30M Collinear Array Wire Antenna** $48.95
- **MFJ-6240 40M Collinear Array Wire Antenna** $56.95
- **MFJ-6415 15M Collinear Array Wire Antenna, 4-Element** $89.95
- **MFJ-6417 17M Collinear Array Wire Antenna, 4-Element** $91.95
- **MFJ-6420 20M Collinear Array Wire Antenna, 4-Element** $99.95

**Pulsar VHF/UHF Antennas**

Send a powerful signal and bring in distant stations with MFJ Pulsar VHF/UHF Antennas. Well suited for base or repeater use, these antennas feature MFJ’s exclusive PulsePEAK. That means you get a super-low angle of radiation pointed directly at the horizon, which results in maximum gain and excellent long-range performance. These antennas feature fiberglass radomes, stainless steel hardware and waterproof joints for years of dependable service.

- **MFJ-1516 2M Base/Repeater Antenna, 7.8 dB Gain, 15°** $99.95
- **MFJ-1522 2M/70cm Base Antenna, 4.5/7.2 dB Gain, 5.5°** $79.95
- **MFJ-1524 2M/70cm Base Antenna, 6.5/9 dB Gain, 10°** $104.95
- **MFJ-1526 2M/70cm Base Antenna, 8.3/11.7 dB Gain, SO-239, 17°** $139.95
- **MFJ-1526N 2M/70cm Base Antenna, 8.3/11.7 dB Gain, Type-N, 17°** $139.95
- **MFJ-1532N 2M/70cm/1.2 GHz Base Antenna, 4.5/8.3/11.7 dB Gain, 5.5°** $84.95
- **MFJ-1536 6M/2M/70cm Base Antenna, 2/6/8 dB Gain, 8.2°** $119.95
- **MFJ-1538 6M/2M/70cm/1.2 GHz Base Antenna, 2.15/6.2/7.2/8.4 dB Gain** $119.95

**Order by 10:00 pm Eastern Time, Monday through Friday, for same-day shipping of in-stock products.**
**Manual Screwdriver Antennas**

These adjustable and durable antennas are an excellent choice for mobile, portable or base installations.

- **MFJ-1661** 40-2M (10’ Whip), 20-6M (4.5’ Whip) Manual Screwdriver Antenna; $139.95
- **MFJ-1662** 40-2M (4.5’ Mobile/10’ Fixed Whip) Manual Screwdriver Antenna; $149.95
- **MFJ-1664** 80-6M (10’ Whip), 40-6M (4.5’ Whip) Manual Screwdriver Antenna; $169.95
- **MFJ-1668** (4.5’ Mobile/10’ Fixed Whip) Manual Screwdriver Antenna; $159.95

**Dipole Antennas**

Choose a Dipole Antenna from MFJ, and get effective yet reliable coverage in an antenna that’s easy to use. Check out MFJ’s lineup and select the dipole antenna that best suits your needs, and you can always visit DXEngineering.com for more specs.

- **MFJ-1776B** 6M Folded Dipole Antenna; $34.95
- **MFJ-1777B** 10M Folded Dipole Antenna; $34.95
- **MFJ-1777C** 15M Dipole Antenna; $34.95
- **MFJ-1777D** 17M Dipole Antenna; $34.95
- **MFJ-1777B** 20M Dipole Antenna; $34.95
- **MFJ-1777C** 30M Dipole Antenna; $34.95
- **MFJ-1777B** 40M Dipole Antenna; $34.95
- **MFJ-1777B** 160M Dipole Antenna, 26 5’ Wire; $69.95
- **MFJ-1777C** 20-6M Dipole Antenna, 35’ Wire; $29.95
- **MFJ-1777S** 40-20M Dipole Antenna, 42’ Wire; $59.95
- **MFJ-1777S** 80-40M Dipole Antenna, 85’ Wire; $89.95
- **MFJ-1777B** 80-40M Dipole Antenna, 135’ Wire; $43.95
- **MFJ-2010** 60/20/10/6M Ultra-Lite Off-Center Fed Dipole Antenna, 66’ Wire; $59.95
- **MFJ-2010** 60/20/10/6M Ultra-Lite Off-Center Fed Dipole Antenna, 66’ Wire; $59.95
- **MFJ-2014** 75/40M Power-Lite Off-Center Fed Dipole Antenna, 122’ Wire; $95.95
- **MFJ-2299** 20M-FM Broadcast Adjustable Multi-Band Telescopic Dipole Antenna; $119.95

**Box Fan Portable Loop Antennas**

Here’s an ingenious design that gives you the ultimate portable antenna! No bigger than a typical household box fan, these antennas are protected from the elements and feature external handles, so you can carry one practically anywhere. They cover 14-30 MHz and you have excellent control over the tuning capabilities.

- **MFJ-1780** Box Fan Portable Loop Antenna; $299.95
- **MFJ-1780X** Box Fan Portable Loop Antenna, 240 Vac; $259.95

**Extra-Long Telescopic Antennas**

If you’re building a dipole, screwdriver, base or mobile antenna, MFJ offers you a great starting point. Made from stainless steel with standard 3/8 by 24 mounts, these antennas are also perfect for traveling, DXpeditions, vacations and Field Day.

- **MFJ-1954** Telescopic Antenna, 10’; $29.95
- **MFJ-1977** Telescopic Antenna, 12’; $44.95
- **MFJ-1979** Telescopic Antenna, 17’; $59.95

**Rotatable Dipole Antennas**

These inconspicuous antennas aren’t much bigger than a traditional TV antenna, yet they give you incredible coverage. MFJ builds these antennas to withstand the full fury of Mother Nature, with aircraft-strength aluminum and solid fiberglass insulators. They are fully rotatable so you can focus your signal and really work some DX.

For great coverage on the 20, 15, 10 and 6 meter bands, look to MFJ’s 1769 Rotatable Dipole. The MFJ-1775 lets you operate on the 40, 20, 15, 10, 6 and 2 meter bands, an you can run the full 1560 watts SSB/CW on all HF bands. The 1775W lets you operate on the WARC bands: 12, 17, 30 and 60 meter.

Take advantage of great propagation during the low sunspot cycle with the MFJ-1785. This low-profile antenna gets you on the 80, 40 and 20 meter bands.

- **MFJ-1769** Rotatable Dipole Antenna, 4-Band; $249.95
- **MFJ-1775** Rotatable Dipole Antenna, 6-Band; $239.95
- **MFJ-1777W** Rotatable Dipole Antenna, WARC; $219.95
- **MFJ-1785** Rotatable Dipole Antenna, 3-Band; $369.95

**Mini-Dipole Antennas**

When you need a lightweight, isolated dipole antenna that won’t break the bank, look to MFJ’s versatile Mini-Dipoles. Perfect for temporary installations or when space is limited, you can focus the antenna’s orientation to get the best signal. Two HF sticks are included, along with the MFJ-374 Mini-Dipole mount.

- **MFJ-2206** 6M Mini-Dipole Antenna; $42.95
- **MFJ-2210** 10M Mini-Dipole Antenna; $42.95
- **MFJ-2215** 15M Mini-Dipole Antenna; $42.95
- **MFJ-2217** 17M Mini-Dipole Antenna; $42.95
- **MFJ-2220** 20M Mini-Dipole Antenna; $42.95
- **MFJ-2230** 30M Mini-Dipole Antenna; $44.95
- **MFJ-2240** 40M Mini-Dipole Antenna; $44.95
- **MFJ-2275** 75M Mini-Dipole Antenna; $49.95

**VHF Discone Antennas**

MFJ’s ultra wide-band Discone Antennas are designed for scanners, but you can use them to test several transmitters. The 1365 covers a receive range of 25-1300 MHz with a transmit range of 50-1300 MHz—making them ideal for 2, 4 and 6 meter operation. It includes an SO-239 connector, 50 feet of coax, stainless steel elements, and mounting hardware.

The 1865 model is similar to the MFJ-1365, except that it transmits from 144 to 1290 MHz and does not include the coax or hardware.

- **MFJ-1866** VHF Discone Antenna; $39.95
- **MFJ-1868** VHF Discone Antenna, Installation Kit; $59.95
GSRV Wire Antennas

Whether you use this in an inverted-vee or sloper configuration, you can expect coverage on all bands. You can even use this antenna in a 160 meter Marconi configuration. It can handle full legal power and the wire is 102 feet long.

At 52 feet long, the MFJ-1778M Junior G5RV Antenna is half the size of the MFJ-1778 yet still covers 40 through 10 meters with tuner. It also handles 1,500 watts.

<table>
<thead>
<tr>
<th>Antenna</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>MFJ-1778</td>
<td>$44.95</td>
</tr>
<tr>
<td>MFJ-1778M</td>
<td>$39.95</td>
</tr>
</tbody>
</table>

HF Mini-Stick Antennas

You can use these mighty antennas in your mobile or base rig to get on the HF bands. They all feature a standard 3/8-24 mounting point and base. Their small, unobtrusive size coupled with an integrated magnet mounts open up a world of installation possibilities.

<table>
<thead>
<tr>
<th>Antenna Type</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>MFJ-2306T 6M</td>
<td>$19.95</td>
</tr>
<tr>
<td>MFJ-2310T 10M</td>
<td>$19.95</td>
</tr>
<tr>
<td>MFJ-2312T 12M</td>
<td>$19.95</td>
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<tr>
<td>MFJ-2315T 15M</td>
<td>$19.95</td>
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<tr>
<td>MFJ-2317T 17M</td>
<td>$19.95</td>
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<tr>
<td>MFJ-2320T 20M</td>
<td>$19.95</td>
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<tr>
<td>MFJ-2340T 40M</td>
<td>$19.95</td>
</tr>
<tr>
<td>MFJ-2360T 60M</td>
<td>$19.95</td>
</tr>
<tr>
<td>MFJ-2375T 75M</td>
<td>$19.95</td>
</tr>
</tbody>
</table>

Antenna Whips and Kit

Great for screwdriver antennas, these stainless steel whips hold up in the harshest environments. Every whip features a 3/8-24 connector for easy installation.

The MFJ-1964K Antenna Kit combines all of the critical pieces to make an excellent portable antenna for the 10 through 60 meter bands. It includes an MFJ-1954 10 foot telescopic whip antenna, an MFJ-404-0008 coil, six silver plated tap clips and a chassis mount SO-239 connector.

<table>
<thead>
<tr>
<th>Antenna Type</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>MFJ-1964K Portable Antenna Kit</td>
<td>$49.95</td>
</tr>
<tr>
<td>MFJ-1964  Antenna Whip, 6'</td>
<td>$21.95</td>
</tr>
<tr>
<td>MFJ-1966  Antenna Whip, 9'</td>
<td>$25.95</td>
</tr>
</tbody>
</table>

Yagi/Beam Antennas and Accessories

MFJ gives you several yagi antenna options that offer impressive gain while being lightweight and durable, eliminating the need for big, unsightly installations. Please visit DXEngineering.com for more detailed specs on each Yagi antenna and accessory.

<table>
<thead>
<tr>
<th>Antenna Type</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>MFJ-1763 2M 3-Element Portable Yagi Antenna, 1 dBi Gain, 33' Boom</td>
<td>$54.95</td>
</tr>
<tr>
<td>MFJ-1761 6M Yagi Antenna, 72' Boom</td>
<td>$27.95</td>
</tr>
<tr>
<td>MFJ-1764 6M/2M Super Gain Beam Antenna, 23' Boom</td>
<td>$59.95</td>
</tr>
<tr>
<td>MFJ-1766 6M/2M Double Gain Beam (Two MFJ-1764 Antennas)</td>
<td>$124.95</td>
</tr>
<tr>
<td>MFJ-1760 2M/70cm 3/4-Element Yagi Antenna, 8 dBi/6 dBi Gain, 45' Boom</td>
<td>$79.95</td>
</tr>
<tr>
<td>MFJ-1768 2M/70cm Yagi Antenna, 8 dBi/6 dBi Gain</td>
<td>$99.95</td>
</tr>
</tbody>
</table>

Vertical Antennas

All MFJ Vertical Antennas give you the perfect blend of reliability, reach and durability. Regardless what model you choose, you know that once erected, your MFJ Vertical Antenna will give you years of trouble-free service.

<table>
<thead>
<tr>
<th>Antenna Type</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>MFJ-1792 80/40M Super Vertical Antenna, 33', 1,500 Watts PEP</td>
<td>$189.95</td>
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<tr>
<td>MFJ-1793 80/40/20M Super Vertical Antenna, 5.5', 1,500 Watts PEP</td>
<td>$199.95</td>
</tr>
<tr>
<td>MFJ-1796 2/6/10/15/20/40M Vertical Antenna, 12', 1,500 Watts PEP</td>
<td>$219.95</td>
</tr>
<tr>
<td>MFJ-1796W 12/17/30/60M WARC Band Vertical Antenna, 12', 1,500 Watts PEP</td>
<td>$199.95</td>
</tr>
<tr>
<td>MFJ-1798 80-2M 10-Band Vertical Antenna, 20', 1,500 Watts PEP</td>
<td>$329.95</td>
</tr>
</tbody>
</table>

Ground Plane Antennas

Work plenty of DX, even with low power. These antennas use a ground-isolated radial system that eliminates common mode current paths while reducing feedline radiation. They’re made of strong yet lightweight aluminum that resists the elements to provide years of service.

<table>
<thead>
<tr>
<th>Antenna Type</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>MFJ-1740 1/4 Ground Plane Antenna, 2M/1.25M/70cm</td>
<td>$29.95</td>
</tr>
<tr>
<td>MFJ-1750 5/8 Ground Plane Antenna, 2M</td>
<td>$34.95</td>
</tr>
<tr>
<td>MFJ-1752 5/8 Ground Plane Antenna, 2M/1.25M</td>
<td>$34.95</td>
</tr>
<tr>
<td>MFJ-1754 Ground Plane Antenna, 2M/70cm</td>
<td>$39.95</td>
</tr>
<tr>
<td>MFJ-1756 Ground Plane Antenna, Omni, 6M</td>
<td>$89.95</td>
</tr>
</tbody>
</table>
Test, experiment and maximize efficiency with a quality antenna analyzer!

**Palstar ZM30 Antenna Analyzer**

Palstar’s ZM30 Antenna Analyzer measures the SWR of an antenna system across a range of frequencies. This advanced analyzer can be set to sweep across a range of frequencies, or it can provide stable output on any single frequency from 1 MHz through 30 MHz, making the ZM30 an advanced antenna system measurement tool. This analyzer also serves as an L/C meter, measuring the values of capacitors and inductors within their reactance range of plus or minus 600 Ω impedance. Plus, the ZM30 can be used as a high-resolution signal generator or VFO with frequency steps down to 10 Hz and an output of 2V peak-to-peak. More information is available at DXEngineering.com.

**Frequency Generation & Control**
- 1 to 30 MHz
- Source Impedance: 50 Ω
- Stability: +/- 50 ppm
- Spectral Purity: Harmonics down >-35 dB beyond 30 MHz
- Step Size: User-configurable increments of 10 Hz, 100 Hz, 1 kHz, 10 kHz, and 100 kHz

**Usable Measurement Range**
- SWR: 1.0 to 9.9
- Impedance: approx. 5 to 600 Ω
- RF Output: 2 Watts p-p (typical)
- Power Supply
- External: 9 to 16 Vdc
- Internal: Eight AA cells, alkaline or Ni-MH

PAS-ZM30 Antenna Analyzer $373.95

**3M Scotch Super 33+ Vinyl Electrical Tape**

Scotch Super 33+ is highly conformable and stretchable, suitable for all weather applications. The tape combines a PVC backing with excellent electrical insulating properties to provide primary electrical insulation for splices (up to 600V) as well as protective jacketing. It is recommended as a protective overwrap for 3M Temflex Rubber Splicing Tape when used for RF connector weatherproofing.

TRM-06132 Scotch Super 33+ Vinyl Electrical Tape $4.97

**3M Temflex 2155 Rubber Splicing Tape**

3M Temflex 2155 Rubber Splicing Tape is a conformable, self-fusing rubber electrical insulating tape. Designed for low voltage electrical insulating and moisture sealing applications, the rubber-based tape is capable of operating in temperatures up to 80 degrees C. It is compatible with synthetic cable and wire insulations and is not corrosive to aluminum or copper conductors. For outdoor use, the tape should be protected from UV deterioration with an overwrap of Scotch Super 33+ Vinyl Electrical Tape.

DWE-3M2155 3M Temflex 2155 Rubber Splicing Tape $5.95

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**MFJ HF/VHF Antenna Analyzer**

This compact, battery-powered RF impedance analyzer combines four basic circuits: a 1.8-170 MHz variable frequency oscillator, a frequency counter, a 50 Ω RF bridge, and an eight-bit microcontroller. The analyzer makes a wide variety of useful antenna or impedance measurements, including coaxial cable loss and distance to an open or short.

Primarily designed for analyzing 50 Ω antenna and transmission line systems, the unit also measures RF impedances between a few Ω and several hundred Ω. It also functions as a signal source and frequency counter. The frequency range is 1.8 to 170 MHz in six overlapping bands. Requires 10 AA batteries for portable operation (not included).

MFJ-259B HF/VHF Antenna Analyzer $239.95

MFJ-98 Accessory Pack—Includes: Dip Meter, Coil (MFJ-66), AC adapter (MFJ1312D), and Carrying Pouch (MFJ-39C) $59.95

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**MFJ HF/VHF/UHF Antenna Analyzer**

This compact battery-powered RF impedance analyzer combines six basic circuits: a variable oscillator, frequency counter, frequency multiplier, 50 Ω RF bridge, a twelve-bit A-D converter, and microcontroller. This unit performs a wide variety of useful antenna and RF impedance measurements, including coaxial cable loss and electrical distance to an open or short. Primarily designed for analyzing 50 Ω antenna and transmission line systems, the unit also measures RF impedances between a few Ω and several hundred Ω. An easily accessed, user-controlled Z0 setting in the function menu allows changing SWR and other SWR functions (return loss, reflection coefficient, match efficiency, etc.) to any normalized impedance value between 5 and 600 Ω.

The analyzer also functions as a non-precision signal source and frequency counter. The operating frequency range extends from 1.8 to 170 MHz in six overlapping bands, and includes SWR measurements on 415-470 MHz. Requires 10 AA batteries for portable operation (not included).

MFJ-269 HF/VHF/UHF Antenna Analyzer $349.95

MFJ-98 Accessory Pack—Includes: Dip Meter, Coil (MFJ-66), AC adapter (MFJ1312D), and Carrying Pouch (MFJ-39C) $59.95

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**MFJ Accessories for your HF/VHF/UHF MFJ Antenna Analyzer**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>MFJ-1312D</td>
<td>AC Adapter</td>
<td>$15.95</td>
</tr>
<tr>
<td>MFJ-66</td>
<td>Dip Meter Coil</td>
<td>$24.95</td>
</tr>
<tr>
<td>MFJ-731</td>
<td>Tunable RFI Filter</td>
<td>$99.95</td>
</tr>
<tr>
<td>MFJ-29C</td>
<td>Carrying Pouch for MFJ-259B</td>
<td>$24.95</td>
</tr>
<tr>
<td>MFJ-39C</td>
<td>Carrying Pouch for MFJ-269</td>
<td>$24.95</td>
</tr>
</tbody>
</table>

**LIMITED TIME OFFER: Orders Over $99 Ship Free**

Inside 48 contiguous United States via Fast Ground Delivery Service
**Stay Ready**—Don’t wait until the power is out to make a power backup plan, get prepared with DX Engineering. We’ve put together a comprehensive list of what you’ll need to get on the air during an emergency. Find more detailed information on each of these products at DXEngineering.com.

**New!**

**EMCOMM**

**ICOM**

**IC-7200**

HF/50 MHz Transceiver

With the perfect blend of durability, ease of use and features, this portable transceiver is an excellent choice for use in the field. It offers up to 100 watts of RF output (55W/CW) while giving you VOX and full break-in CW operation. A backlit LCD screen means you can use it in dim light and its digital noise reduction makes it easier to hear weak signals.

**ICO-IC-7200**

**HF/50 Mhz Receiver**

**ICOM**

**IC-2820H**

Dual-Band FM Transceiver

Rely on this 2M/70cm mobile transceiver to give you both analog and digital functionality. This transceiver also uses ICOM’s dual-watch feature, so you can monitor two frequencies at the same time. It packs 50 watts of power on both bands, which really lets your signal travel. You can add D-STAR DV mode and GPS receiver capabilities.

**ICO-IC-2820H**

Dual-Band FM Transceiver...CALL/WEB

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**Astron**

**RM-50A-BB**

Power Supply with Battery Backup

When you’ve still got 105-125 Vac available, make sure your DC power demands are met with the RM-50A-BB. It puts out an adjustable 13.8 Vdc with 50 amps peak. It also has a battery backup with an integrated trickle charger, so when power goes out, you’ll still be able to get on the air. This electronically-regulated power supply features over-voltage and current limiting protection.

**ASR-RM-50A-BB**

Linear Power Supply $399.95

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**Optima**

**YellowTop**

Deep Cycle 12-Volt Battery

Your DC power source needs to be reliable, rugged and ready-to-go at a moment’s notice. OPTIMA’s YellowTop battery is resistant to the elements, recharges quickly and can recover from deep discharges. This battery is an excellent fit for your sensitive communications equipment and can be safely used indoors. In addition to being spill-proof, YellowTop batteries last longer and are more durable than most other AGM batteries.

**ULT-9050-160**

YellowTop Deep Cycle 12V Battery $275.97

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**Power Products**

**Super PWRGate P6405**

The Super PWRGate maintains a steady stream of up to 40A continuous from your power supply or battery and will instantly switch to battery backup if you lose power—you won’t even notice the switchover. It also has a built-in battery charger to ensure that your battery is ready when you need it.

**WMT-S4043-1046**

Super PWRGate P6405 $139.95

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**RIGRunner 4008**

To distribute power through your shack, look to West Mountain’s RIGRunners. These durable units are the safest way to power all of your 12V equipment. Featuring ultra-reliable Powerpole® connectors, RIGRunners use automotive-style fuses to prevent damage and are rated up to 40 amps.

**WMT-S5307-1035**

RIGRunner 4008 $84.95

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**Fusion**

**SX-600**

Dual Power Meter

With two meters in one, the SX-600 lets you monitor either your WIFL/HIF or your Low-Band/HIF rig. This meter has low insertion loss yet gives you accurate readings. Well suited for QRP, handheld and even high-power applications, the SX-600 meter is small enough to fit into a backpack. In an emergency situation, you’ll want to ensure that your station is working properly. Keep an eye on things with the SX-600.

**DMN-SX600**

Dual Power Meter $179.95

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**Coax Technology**

**GHE-RT-21**

Universal Digital Rotor Controller

The latest version of Green Heron’s ubiquitous rotor controller, the RT-21 is a reliable asset to any installation. It’s precise and accurate and gives you variable-speed control. This controller is compatible with a variety of rotators and is well suited to the Hy-Gain HAM and T2X units. The RT-21 can support side-mounted antennas and is fully programmable with easy setup utility software.

**GHE-RT-21**

Universal Digital Rotor Controller $559.00

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**Panorama**

**DC-to-go**

Combine a durable and weather resistant battery box with one of West Mountain’s RIGRunner power distribution centers and you have a portable power station capable of feeding an entire radio setup. Available in multiple sizes and RIGRunner types, these DC-to-go boxes can be the backbone of your emergency power system.

**WMT-S5813-1061**

DC-to-go $134.95

---

**Powerpole® Accessories**

Anderson Powerpole connectors are quickly becoming the industry standard for DC power. They have been adopted by RACES and ARES® for emergency service and installations. DX Engineering carries the connectors, plus a tool that makes crimping them easy and hassle-free.

**DXE-PP30**

Powerpole Connectors, 12-16 AWG, 30A, Set of 20...$12.95

**DXE-PP45**

Powerpole Connectors, 10-14 AWG, 45A, Set of 20...$17.95

**WMT-58568-1049**

Powerpole Crimping Tool $39.95

---

**Your Single Source for Emergency Communications!**
200 Series 15-Piece Rotary Tool Kit
Cut metal, drill holes, sand surfaces, deburr tubing, bevel edges—much has been said about how useful a Dremel Tool can be. This kit is the ideal way to get started. It includes a Dremel tool and accessory organizer. You also get mandrels, sanding drums, grinding stones, polishing tip, felt wheel and a fiberglass-reinforced cut-off wheel. The tool has two speeds and uses a motor with replaceable brushes for an extended life. This kit will show you why the Dremel has become a ubiquitous fixture in workshops across the planet.
DRE-F0130200AE 200 Series 15-Piece Rotary Tool Kit $49.97

Vaper Electric Heat Gun
Ditch the old “cigarette lighter” method and seal your heat shrink tubing the safe and correct way. You can use it for heat shrink tubing, plastic welding and even paint stripping. This durable gun has two speed settings and two temperature settings to ensure your connections will be sealed right—so you can stop burning your fingertips.
TTW-22400 Vaper Electric Heat Gun $17.97

KLEIN TOOLS, INC.

Klein-Kurve Wire Stripper/Cutter
The Klein-Kurve wire strippers are ideal for stripping solid (10-18 AWG) and stranded (12-20 AWG) wire cleanly and easily. The 7 1/8 inch strippers also have precise shear-type blades to neatly cut copper wire, easy-to-read markings on both sides, and extra-soft grips and curved handles for comfort.
KLE-11055 Klein-Kurve Wire Stripper/Cutter $17.16

9 3/4 Inch Crimping/Cutting Tool
This Klein crimping and cutting tool crimps insulated and non-insulated connectors. The crimping die is marked for insulated and non-insulated solderless terminals and connectors, and accommodates 10-22 AWG wires. The tool has a specially hardened wire cutter in the nose, a tapered nose design for working in confined spaces, a hot-rivet joint for smooth action, and plastic-dipped, cushioned handles for comfort.
KLE-1005 Klein Crimping/Cutting Tool $26.02

Battery Disconnect Switch
This switch gives you a quick way to positively shut off power from your battery. This combats unwanted drain, while helping to ensure that your battery remains charged until you need it. Rated for 20 amps continuous, it will also handle short duration surge loads of 125 amps.
SUM-G1432 Battery Disconnect Switch $20.97

Rubber Grommet Assortment Kits
A must-have if you’re routing wires and cable through sheet metal; these kits are great for panels, firewalls, enclosures and equipment cases. They contain grommets in assorted sizes and include a handy storage case to keep things organized.
SUM-990091 Grommet Kit, 82 Pieces, from .125” to .688” I.D. $18.97
SUM-990090 Grommet Kit, 48 Pieces, from .3” to 1” I.D. $15.97

Solderless Nylon Terminal Kit
A great kit to have in your shack, this kit includes connectors that are tougher, better insulated and more corrosion-resistant than ordinary store-bought ones. You get 180 connectors for 22- and 12- to 10-gauge wire ranges, all packaged in a neat storage case.
SUM-990093 Solderless Nylon Terminal Kit $26.97

Shrink Sleeve Assortment
Way better than standard vinyl heat-shrink tubing (which can crack and tear), this tubing is made with professional-grade polyethylene. That helps it better withstand both time and the elements. This kit includes over sixty 6 inch tubes ranging from 1/8” to 3/4” I.D., all housed in a compartmentalized case, so everything stays neat and tidy.
SUM-990092 Shrink Sleeve Assortment $19.97

Step-Drill Bits These high-speed bits are perfect for adding precise holes to your equipment’s chassis, enclosure or cabinet. Made to cut cleanly through sheet metal, these bits are driven more smoothly than traditional bits and automatically deburr the hole as it is drilled.
SUM-990029 Drill Bit, 11 Steps from 3/4” to 1 3/8” Diameter, 1/2” Drive $29.97
SUM-990026 Drill Bit, 8 Steps from 3/4” to 3/8” Diameter, 3/8” Drive $20.97
SUM-990025 Drill Bit, 7 Steps from 1/2” to 3/8” Diameter, 3/8” Drive $15.97

Analog Voltmeter Gauges
Keep a close eye on your 12-volt DC power with these precise gauges. With a 10- to 18-volt sweep, these 2.625” diameter backlit gauges will work great in your car, shack or portable rig.
SUM-G2939 Analog Voltmeter Gauge, White Face $18.97
SUM-G29119 Analog Voltmeter Gauge, Black Face $25.97

Stainless Steel Digital Caliper
The only way to make precise outside, inside, step and depth measurements, this ultra-accurate caliper is made to provide years of service. A large LCD screen makes it easy to use. The caliper also features SAE-to-metric conversion, an on/off switch, locking thumb wheel and an instant zero setting.
SUM-900001 Stainless Steel Digital Caliper $24.97

Infrared Digital Laser Pyrometer
Ensure that your expensive equipment is operating at a safe temperature. Just point this pyrometer at the area you’d like to measure, pull the trigger and you instantly get a readout accurate within 3 percent. It has a backlit LCD display and can measure temperatures from 0 to 500 degrees F.
SUM-G1054 Infrared Digital Laser Pyrometer $53.97

Electrical Test Clip Kit
Make your own test jumpers, create removable connections, troubleshoot electrical components or add temporary grounds to your low-voltage projects. This 28-piece kit includes ten non-insulated 2 inch clips, six 1.5 inch insulated clips, six 2 inch insulated clips and six insulated, high-current clips (10A/25A/30A).
SUM-9737128 Electrical Test Clips $4.97

File Sets
The basic set includes four 8 inch long alloy steel files, with a half-round, flat, round and square styles. Upgrading to the 10-piece deluxe set gives you 2 handles with interchangeable files. The deluxe set includes a 10 inch flat file, six 8 inch files and three 6 inch files, in varying styles and tapers. Both sets feature bright handles, making them easy to find on a crowded bench.
SUM-9730050 File Set $8.97
SUM-9730060 Deluxe File Set $13.97
Coax Cable Prep Kits
These kits package the most commonly used coax cable prep tools together. The rugged cases have foam inserts precut for the tools plus extra compartments for other tools, connectors, etc. The case is also available separately.

Basic Prep Kit
• Stripping tool for RG-213 cable
• Assembly tool for PL-259 connectors
• Coaxial cable shears
• Case

DXE-UT-KIT1-D Basic Prep Kit $99.95

Complete Prep Kit
• Stripping tool for RG-213 cable
• Stripping tool for RG-8x cable
• Assembly tool for PL-259 connectors
• Assembly tool for 2-piece N connectors
• Coaxial cable shears
• Precision braid trimmers
• One Pack of Replacement blades for stripping tools
• .080" shears

DXE-UT-KIT2-D Complete Prep Kit $174.95
DXE-UT-CASE Case Only for Coax Tools $22.95
DXE-SW-CASE Case Only with Plain Soft Foam Insert $13.95
DXE-UT-KITF Prep Kit for F6 Cable $149.95
DXE-F6-CASE Case Only $22.95

F-Connector 75 Ω Cable Prep Tool Kit
• Stripping tool for F6 cable
• Snap-N-Sea® watertight F-Connectors (25 total)
• SNS connector compression tool
• Coaxial cable shears
• F-Connector tightening tool
• Case

DXE-TOOL1 SO-239 Connector Installation Tool Kit $9.95

SO-239 Connector Installation Tool Kit
This versatile tool kit will help you install chassis or bulkhead mount SO-239 coax connectors. It includes a special stainless steel wrench. One end has a 3/4" semi-box wrench with a pass-through for coaxial cable—perfect for tightening the large nut used to mount bulkhead connectors. The other end is a 3/16" box wrench for tightening mounting nuts with SO-239 hardware. Also included is a multipurpose 6-in-1 screwdriver/nutdriver tool with the following bits:
• 1/4 inch nutdriver
• 3/16 inch nutdriver
• 1/4 inch flathead
• #2 Phillips
• 3/16 inch flathead
• #2 Phillips

DXE-TO01 Precision Shear Side Cutters $7.95

Precise Assembly Tools
These assembly tools allow simple threading of connector sleeves onto the vinyl jacket of RG-8/U, RG-213/U, LMR-400 and other similar size cables. The DXE-UT-80P assembly tool is for PL-259 connectors, and the DXE-UT-80N assembly is for two-piece Type N connectors. Assembly is simple. Strip the cable with the DXE-UT-9213 Cable Stripping Tool, then use the appropriate connector assembly tool and thread the connector body onto the stripped cable end. A visual guide at the end of the tools allows easy viewing of the cable center conductor for proper depth. You get a perfect and easy connector installation every time!

DXE-UT-80P Connector Assembly Tool for PL-259 Connectors $22.95
DXE-UT-80N Connector Assembly Tool for 2-piece Type N Connectors $22.95

Coax Cable Stripper for 50 Ω Cable
These DX Engineering stripers prepare 50 Ω coax cable for installation of a PL-259 connector.

• Works on foam or solid dielectric cable
• Precision, two-step operation
• No nicks or scratches to conductor
• Premium, long-lasting cutter blades

DXE-UT-8213 Coax Cable Stripper for RG-8, RG-213, 9013, LMR400, and Similar Cable $42.95
DXE-UT-80X8 Coax Cable Stripper for RG-8x and Belden 9558 Cable $42.95
DXE-UT-80BX Heavy-Duty Replacement Blades, 2 Per Pack $18.95
*Also fits Cablematic UT-8000

DXE-SNS-CT1 Snap-N-Seal Watertight Connectors
Snap-N-Seal is an environmentally sealed Type F coax connector system. Designed for harsh environments, the connectors have a unique, 360 degree radial compression system that offers the signal leakage protection required for high performance reception systems. The quad-sealed system prevents moisture from migrating into the connector, and 360 degree radial compression provides superior RF integrity (-95dB typical, 60% bonded foil cable).

• Easy cable preparation
• Connector to cable retention: 40 lbs. minimum
• Superb impedance match to 1 GHz
• Manufactured of high quality 360 brass, cadmium plated with iridium clear chrome coating for maximum corrosion resistance
• UV-resistant plastic and O-rings provide a reliable environmentally sealed connector

Normal crimping tools or pliers will not work on Snap-N-Seal connectors—an installation tool like DX Engineering’s DXE-SNS-CT1 is required.

DXE-450-CTL Ladder Line Assembly Tool per foot $150.00
DXE-LL300-IC Ladder Line, 100’ spool $149.95
DXE-LL300-2C Ladder Line, 100’ spool $147.00
DXE-LL300-1C Ladder Line, 100’ spool $149.95
DXE-LL300-5C Ladder Line, 500’ spool $245.00
DXE-LL300-1C Ladder Line, 100’ spool $41.00
DXE-LL300-2C Ladder Line, 200’ spool $75.00
DXE-LL300-3C Ladder Line, 300’ spool $115.00
DXE-LL300-4C Ladder Line, 400’ spool $137.00
DXE-LL300-5C Ladder Line, 500’ spool $169.00
DXE-LL1NS Ladder Line Supports for 450 Ω line, 25 Per Pack $9.75
DXE-LLC-1P Ladder Line Coupler for 450 and 300 Ω Ladder Line $4.95

300 and 450 Ω Ladder Line
DX Engineering’s 300 and 450 Ω Ladder Line is rated for full legal transmit power. The 300 Ω ladder line is constructed of 18-gauge conductors with 19 strands of copper clad steel wire, resulting in a velocity factor of 0.88. It is ideal for use with multi-band dipoles or other similar size cables. The 450 Ω ladder line is constructed of 16-gauge conductors with 19 strands of copper clad steel wire. It is ideal for use with our Reversible Beverage Antenna system. DXE-850-1P. The wire makes the line strong enough for horizontal runs between supports. Actual impedance is a nominal 400 Ω with a nominal velocity factor of 91%

DXE-UT-80P Connector Assembly Tool $25.50
DXE-UT-80N Connector Assembly Tool $22.95
DXE-SNS6-25 Snap-N-Seal Connector for F6 cable, 25 pieces $25.50
DXE-SNS5-CT1 Snap-N-Seal Connector for RG-59 $25.50
DXE-SNS56-25 Snap-N-Seal Connector for RG-6 and RG-59 $24.30

DX Engineering F-Connector Tightening Tool
This tool installs and removes F connectors in high density and hard to reach locations. It helps ensure proper connections to reduce the possibility of loose connector related problems. It is the only tool that works with bent coax. Only finger force is required.

DXE-CT1 F-Connector Tightening Tool $9.99

Custom Cable Assemblies with connectors available—call for details.
**Low-Loss Long Line Transformer Kit**

At last—an ultra-low-loss, cost effective, long line feedline system for 50 Ω HF antennas! This transmission line alternative is designed to be used over long runs where coaxial cable losses and cost become prohibitive. The kit consists of a pair of special high power 450 Ω balanced to 50 Ω unbalanced line transformers that can be used at each end of any length of 450 Ω parallel wire transmission line. This allows you to create a cost-effective, low-loss, very long feedline to connect a 50 Ω HF transmitter or receiver to a distant matched 50 Ω HF antenna system.

Typical system loss over 1,000 feet is 1 dB or less at 10 MHz!

The special Maxi-Core™ high-power matching transformers include internal current chokes. They provide exceptional common-mode current isolation between their 450 Ω balanced line terminals and their unbalanced 50 Ω coaxial cable connections over a wide frequency range. High common-mode isolation from internal chokes, along with the carefully balanced matching transformers, significantly reduces stray signal reception and feedline radiation when compared to other less-sophisticated matching methods.

- 1.8 MHz through 30 MHz—broadband for the widest range of applications
- 5 kW continuous/10 kW intermittent power rating for maximum dependability
- Top quality Teflon® SO-239 connectors
- Ceramic insulators with stainless steel connection hardware for the 450 Ω ladder line
- Transmission line available separately

### Coaxial Connector Adapters

DX Engineering has a selection of assorted adapters for connecting cables with different type connectors.

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>UHF Right Angle Adapter</td>
<td>$5.95</td>
</tr>
<tr>
<td>UHF Tee Adapter</td>
<td>$7.95</td>
</tr>
<tr>
<td>UHF Female Barrel Adapter</td>
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</tr>
<tr>
<td>UHF Male Barrel Adapter</td>
<td>$4.95</td>
</tr>
<tr>
<td>N Female to BNC Male Adapter</td>
<td>$11.95</td>
</tr>
<tr>
<td>N Right Angle Adapter</td>
<td>$10.95</td>
</tr>
<tr>
<td>N Male to UHF Female Adapter</td>
<td>$7.95</td>
</tr>
<tr>
<td>N Female to UHF Male Adapter</td>
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<tr>
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<tr>
<td>N Female to BNC Male Adapter</td>
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<tr>
<td>BNC Male to F Male Adapter</td>
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<tr>
<td>BNC Female to F Male Adapter</td>
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<td>BNC Male to UHF Female Adapter</td>
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<td>BNC Female to UHF Male Adapter</td>
<td>$5.95</td>
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<tr>
<td>BNC Male to F Female Adapter</td>
<td>$3.95</td>
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<tr>
<td>F Double Female Bulkhead Adapter</td>
<td>$1.95</td>
</tr>
<tr>
<td>N Female to BNC Male Adapter</td>
<td>$7.95</td>
</tr>
</tbody>
</table>

### Silver/PTFE Coax Connectors

This superior PL-259 connector uses silver plated outer and inner conductors and a PTFE insulator. The connector has very low loss and high electrical breakdown. It fits directly on RG-8, RG-213, LMR-400, 9913 and other cables with a nominal .400 inch O.D. jacket size.

- Use a DXE-UG175 reducer with this connector to fit RG-58/U and/or LMR195 coax, and a DXE-UG176S reducer to fit RG-8X coax.

### Chassis Mount SO-239 Connectors

DX Engineering offers Amphenol and non-Amphenol brand SO-239 chassis mount connectors. The connectors come with the correct bolts, flat washers, star washers and nylon locking nuts. These will fit the DX Engineering Radial Plate perfectly.

- **DXE-T001 Installation Tool Kit for SO-239/Bulkhead Connectors**

### Female Bulkhead Connector

This high-quality bulkhead connector uses silver plated outer and inner conductors and a PTFE insulator. The connector has very low-loss and high electrical breakdown. It comes with two nuts to secure the connector to our Radial Plate or other flat surface. The connector ensures the radial ground, system, antenna ground, and the feedline shield are common. It can also be used for joining two pieces of coax with male PL-259 together.

### About RF Connectors

Many different types of coaxial RF connectors are used in laboratory and radio-communications applications. The connectors listed here are the most common types used by Amateur Radio operators:

**Type N**—This cable connector is found in many UHF and higher applications up to about 10 GHz. It is designed to present constant impedance from end-to-end of a length of transmission line. Most transmit and receive communications applications use the 50 Ω version to match the impedance of commonly used RF coaxial cables and equipment. The Type N has a threaded outer coupling to ensure it mates positively and securely.

**UHF**—One of the first coaxial connectors, this is also known as a PL-259 (a carry-over from an old military designation). The UHF designation has been applied since the days when 30 MHz was considered an HF. The connector has an SO-239 socket and a threaded outer coupling to ensure that it mates positively and securely.

The perceived drawback of the UHF connector is that it is not a true 50 Ω connector, allowing a non-constant impedance connection. While this limits its use to frequencies up to about 300 MHz, the UHF connector is an ideal, low-cost solution for HF applications. Because the basic junction is simple, many low-cost, low-quality versions are available.

DX Engineering has selected the best silver plated, PTFE insulated connectors to assure the best performance for your HF, VHF and UHF applications.
**Always Totally Free Shipping on Coax**

*DX Engineering is now the #1 Place to Buy Coax!*

- High-Performance Cable, Made in the USA to DX Engineering’s Rigid Specifications
- Available in full spools or cut to your specified lengths.

**Need Phasing Cables?**

DX Engineering provides precision, electrically-tuned phasing lines for your 50 or 75 ohm applications. Choose from pre-manufactured four-square and two-antenna array cables or contact us with your custom application.

**Multi-Conductor Control Cable**

The ideal cable to control your rotator or antenna switch, this color-coded stranded copper cable is reliable and flexible. A vinyl jacket shields it from the environment. It’s available by the foot and in bulk spools.

Find all the details at DXEngineering.com

**DXE-8X**

**BNC Jumper Cables**

- Quality male/BNC jumper cables
- Secure crimped connectors
- Weatherproof adhesive shrink tube seals
- Hi-Pot, high voltage tested

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Length/Ft.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DXE-8XDB02</td>
<td>2</td>
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<tr>
<td>DXE-8XDB03</td>
<td>3</td>
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<tr>
<td>DXE-8XDB06</td>
<td>6</td>
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<tr>
<td>DXE-8XDB25</td>
<td>25</td>
<td>$21.75</td>
</tr>
</tbody>
</table>

**Premium Copper Antenna Wire**

Use DX Engineering antenna wire to achieve top performance and long-life, trouble-free operation. This insulated copper wire is UV-resistant and lays out easily, unlike the wire that is commonly available at the “big box” stores which coils and kinks. It will last much longer in contact with the environment than bare wire. It is available in pre-cut lengths for easy dipole assembly, or in bulk lengths of 500 and 1,000 feet.

- Heavy #14 AWG stranded copper antenna wire
- UV-resistant insulation
- Reduces precipitation static
- Long, reliable life

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Length/Ft.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DXE-ANTIW-75</td>
<td>#14 Insulated Antenna Wire, 40M &amp; up, 75’</td>
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<tr>
<td>DXE-ANTIW-150</td>
<td>#14 Insulated Antenna Wire, 80M &amp; up, 150’</td>
<td>$20.95</td>
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<tr>
<td>DXE-ANTIW-300</td>
<td>#14 Insulated Antenna Wire, 160M &amp; up, 300’</td>
<td>$39.95</td>
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<tr>
<td>DXE-ANTIW-500</td>
<td>#14 Insulated Antenna Wire, Multiple Antennas, 500’</td>
<td>$74.95</td>
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<tr>
<td>DXE-ANTIW-1000</td>
<td>#14 Insulated Antenna Wire, Multiple Antennas, 1,000’</td>
<td>$142.95</td>
</tr>
</tbody>
</table>

**Power Wire, 2-Conductor Zip Cord**

Zip Cord is a two-conductor cord which is typically used for low voltage DC power wiring circuits. The red and black colors make it simple to identify polarity for DC applications.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Length/Ft.</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>DXE-PW-8</td>
<td>Power Wire, 8-Gauge</td>
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<td>Power Wire, 10-Gauge</td>
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<tr>
<td>DXE-PW-12</td>
<td>Power Wire, 12-Gauge</td>
<td>per foot</td>
</tr>
<tr>
<td>DXE-PW-14</td>
<td>Power Wire, 14-Gauge</td>
<td>per foot</td>
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<tr>
<td>DXE-PW-16</td>
<td>Power Wire, 16-Gauge</td>
<td>per foot</td>
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<tr>
<td>DXE-PW-18</td>
<td>Power Wire, 18-Gauge</td>
<td>per foot</td>
</tr>
</tbody>
</table>

You’ll find the DC Power and Accessories on pages 25-26.

**DX Engineering’s Rigid Specifications**

- Hi-Pot, high voltage tested
- Highest-quality DX Engineering workmanship
- Silver-plated, PTFE-insulated connectors
- Hi-Pot, high-voltage tested
- Weatherproof, adhesive shrink tube seals connections

Complete information is available at DXEngineering.com.

Contact DX Engineering Customer Support for your application.

**Heavy Duty**

**Tinned Copper Flat Braid**

A critical part of any grounding system, this Flat Braid is made with terminals for quick, easy installation. See more sizes and grounding solutions at DXEngineering.com.

You’ll find the DC Power and Accessories on pages 25-26.

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Complete information is available at DXEngineering.com.

Contact DX Engineering Customer Support for your application.
DX Engineering

#1 Rated High Performance Cable and Assemblies

All DX Engineering cable assemblies use high-quality coaxial cable. Each assembly is 100% Hi-Pot/high voltage-tested to guarantee a quality cable you can count on in the most severe operating environments.

DX-8U cable has a PVC jacket and is normally recommended for indoor applications or protected areas where ultraviolet contamination is unlikely to occur. DXE-RG-8U is no longer a government MIL-spec cable, which means cable construction can vary by manufacturer. When in doubt, use DXE-213U cable.

DX-8X (sometimes called Mini-8) is a low-loss foam dielectric cable somewhat smaller than DXE-RG-8U. It is suitable for most HF applications where less than maximum power is used. Its high flexibility makes it ideal for short, in-shack jumper cables.

DX Engineering’s special DXE-400MAX cable has a low-loss, gas-injected foam polyethylene dielectric, a bonded tape foil covered by a braided copper shield, and a special low density polyethylene jacket for outdoor use and direct-burial.

### High Performance 50 Ω Cable Assemblies

These cable assemblies use high-quality DX Engineering coaxial cable with Amphenol Silver/PTFE PL259 crimp/soldered connectors installed on each end. Adhesive-lined shrink tubing is used to form a weather-resistant bond between the connector body and cable jacket.

**DXE-400MAX Low-Loss**

- **405° UV-resistant PE jacket**
- **Tape foil with copper braid shielding**
- **Direct-bury**

<table>
<thead>
<tr>
<th>Length</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 Feet</td>
<td>$16.75</td>
</tr>
<tr>
<td>6 Feet</td>
<td>$18.75</td>
</tr>
<tr>
<td>9 Feet</td>
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**DXE-213U MIL-Spec**

- **405° Type II-A non-contaminating jacket, UV-resistant**
- **Direct-bury**

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**DXE-8U Low-Loss Foam Dielectric**

- **405° high flex PVC jacket**

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DXE Engineering Customer Support for custom Cable Assemblies for your application.