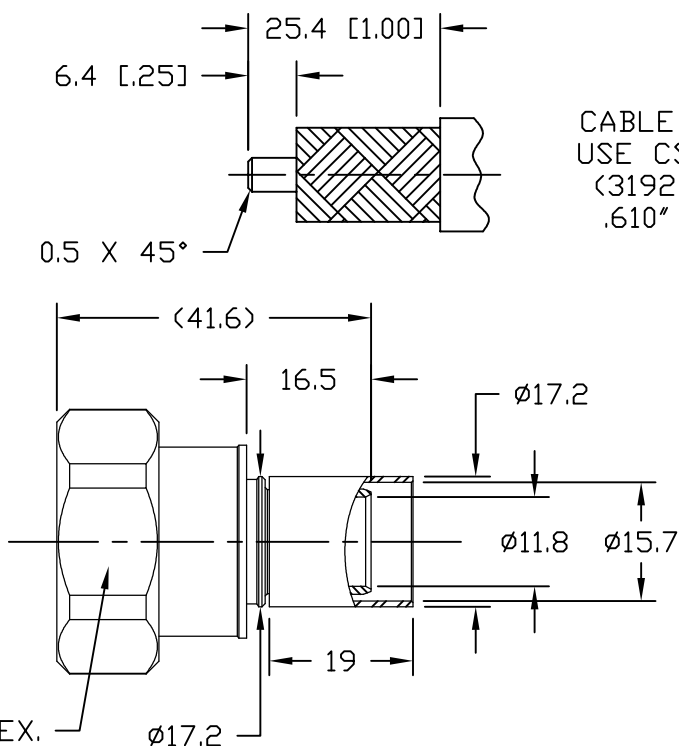


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| SYM | REVISION DESCRIPTION    | DFTM   | DATE    | APPD   | DATE    |
|-----|-------------------------|--------|---------|--------|---------|
| A   | RELEASED FOR PRODUCTION | K.A.M. | 5/23/11 | J.D.B. | 6/9/11  |
| B   | CHANGED PER CDC #37302  | D.J.H. | 3/22/13 | J.D.B. | 3/25/13 |



Reference Standard IEC60169-4

#### I. Electric Performance

|                                    |                                              |
|------------------------------------|----------------------------------------------|
| Nominal Impedance( $\Omega$ ):     | 50                                           |
| Frequency Range:                   | DC-3GHz                                      |
| VSWR:                              | $\leq 1.15$                                  |
| Insert Loss(dB):                   | $\leq 0.05$                                  |
| Insulation resistance(M $\Omega$ ) | $\geq 10000$                                 |
| Proof Voltage(V)                   | 2500                                         |
| Conductor resistance(m $\Omega$ )  | outer conductor <0.2<br>inner conductor <0.8 |

#### II. Mechanical Performance

|                              |       |
|------------------------------|-------|
| Nut Torque                   | 25N.m |
| (Nut)Whorl pull              | 1000N |
| Tensile force(cable-connect) | 500N  |
| Torsion(cable-connect)       | 5N.m  |

#### III. Material and plating

| Component       | Material        | Plating                   |
|-----------------|-----------------|---------------------------|
| Inner conductor | Spring Copper   | Ag 5 $\mu$ m              |
| Outer conductor | Brass           | Copper-tin-zinc 2 $\mu$ m |
| Tube            | Copper          | Copper-tin-zinc 2 $\mu$ m |
| Nut             | Brass           | Nickel 5 $\mu$ m          |
| Gasket          | Silicone Rubber |                           |
| Insulator       | PTFE            |                           |

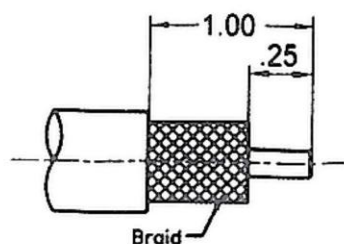
#### IV. Environment

|                        |                                |
|------------------------|--------------------------------|
| Temp. range            | -55°C~+155°C                   |
| Weather standard       | IEC 60068 55 / 155/ 56         |
| Thermal shock          | US MIL-STD 202,Meth.107,Cond.B |
| Vibration              | US MIL-STD 202,Meth.204,Cond.B |
| Shock                  | US MIL-STD 202,Meth.213,Cond.I |
| Waterproofing standard | IP68                           |
| ROHS Compliant         |                                |

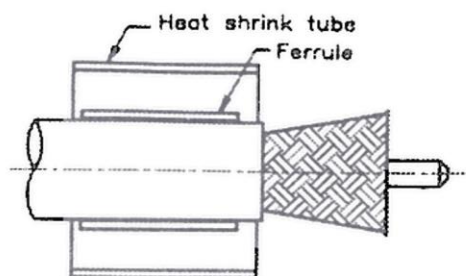
#### V. Assembly: inner conductor installed and outer conductor crimped

|              |                                                                                                                                                                                                                                                  |                      |                                                                               |             |                           |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------------------------------------------------------|-------------|---------------------------|
| MATL:        | UNLESS OTHERWISE SPECIFIED                                                                                                                                                                                                                       | DFTM. K. A. M.       | TIMES MICROWAVE SYSTEMS                                                       |             |                           |
|              |                                                                                                                                                                                                                                                  | DATE 5/23/11         |                                                                               |             |                           |
| USED ON: 0-0 | ALL DIMENSIONS ARE IN mm<br>MACHINED SURFACES FINISH N/A RMS MAX.<br>REMOVE ALL BURRS N/A MAX. BREAK<br>MACHINE CORNERS N/A MAX. FILLET R.<br>TOLERANCES ON DECIMALS<br>.XX $\pm$ N/A .XXX $\pm$ N/A<br>ANGLES $\pm 1^\circ$ FRACTIONS $\pm$ N/A | CHKD. J. D. B.       | <b>EZ-600-716M-X</b><br>7-16 MALE FOR LMR-600 CABLE<br>EZ/CRIMP/NO BRAID TRIM |             |                           |
|              |                                                                                                                                                                                                                                                  | DATE 6/9/11          |                                                                               |             |                           |
|              |                                                                                                                                                                                                                                                  | APPD. J. D. B.       |                                                                               |             |                           |
| SCALE: N/A   | DWG. SIZE A                                                                                                                                                                                                                                      | DO NOT SCALE DRAWING | CODE IDENT 68999                                                              | DATE 6/9/11 | SH 1 of 1 SD3190-2643 R/B |

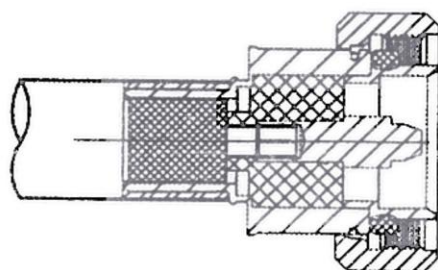
# Installation Instruction



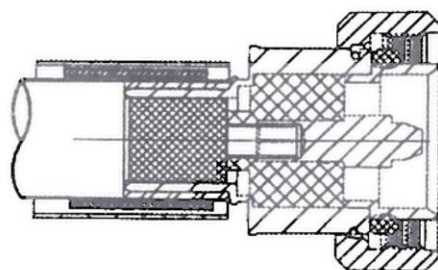
1. A. Trim cable to dimensions shown. Be careful to avoid nicking the braid
- B. Remove any residual plastic from center conductor
- C. Deburr center conductor using a fine file or Times DBT-U tools
- D. Avoid nicking aluminum tape or center conductor



2. A. Slide crimp ferrule and heat shrink tube over the cable
- B. Flare the braid



3. A. Insert Cable into connector body until dielectric is seated and center conductor is inserted fully into connector center pin.



4. A. Slide crimp ferrule over braid and crimp as close to body as possible using .429" HEX crimp tooling  
Pay attention to the crimp area, do not crimp rear of crimp sleeve
- B. Heat shrink tube over rear of connector body and down on to cable jacket using hot air gun



N Male Connector Crimp/Solder Attachment for PE-C600, LMR-600, LMR-600-DB, 0.600 inch

## RF Connectors Technical Data Sheet

**PE44454**

### Configuration

- N Male Connector
- 50 Ohms
- Straight Body Geometry
- PE-C600, LMR-600, LMR-600-DB, 0.600 inch Interface Type
- Crimp/Solder Attachment

### Features

- Max. Operating Frequency 11 GHz
- Gold Plated Brass Contact

### Applications

- General Purpose Test
- Custom Cable Assemblies

### Description

Pasternack's PE44454 type N male connector with crimp/solder attachment for PE-C600, LMR-600, LMR-600-DB and 0.600 inch is part of our full line of RF components available for same-day shipping. Our type N male connector operates up to a maximum frequency of 11 GHz.

Our type N male connector PE44454 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

### Electrical Specifications

| Description     | Minimum | Typical | Maximum | Units |
|-----------------|---------|---------|---------|-------|
| Frequency Range | DC      |         | 11      | GHz   |

### Mechanical Specifications

|             |                     |
|-------------|---------------------|
| <b>Size</b> |                     |
| Length      | 2.04 in [51.82 mm]  |
| Width/Dia.  | 0.86 in [21.84 mm]  |
| Weight      | 0.165 lbs [74.84 g] |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Connector Crimp/Solder Attachment for PE-C600, LMR-600, LMR-600-DB, 0.600 inch PE44454](#)



N Male Connector Crimp/Solder Attachment for PE-C600, LMR-600, LMR-600-DB, 0.600 inch

## RF Connectors Technical Data Sheet

**PE44454**

### Material Specifications

| Description  | Material | Plating   |
|--------------|----------|-----------|
| Contact      | Brass    | Gold      |
| Insulation   | PTFE     |           |
| Body         | Brass    | Tri-Metal |
| Coupling Nut | Brass    | Tri-Metal |

### Environmental Specifications

#### Temperature

Operating Range -65 to +165 deg C

**Compliance Certifications** (see [product page](#) for current document)

### Plotted and Other Data

Notes:

N Male Connector Crimp/Solder Attachment for PE-C600, LMR-600, LMR-600-DB, 0.600 inch from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

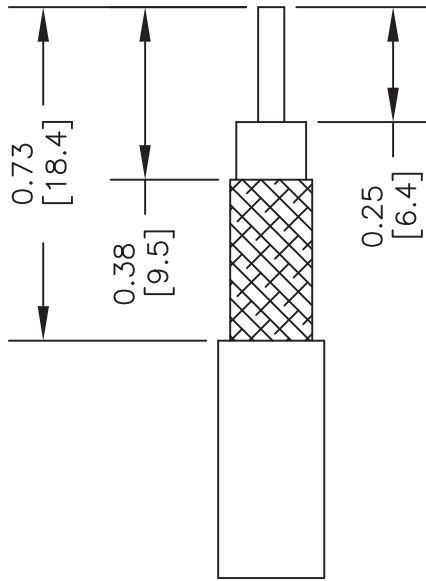
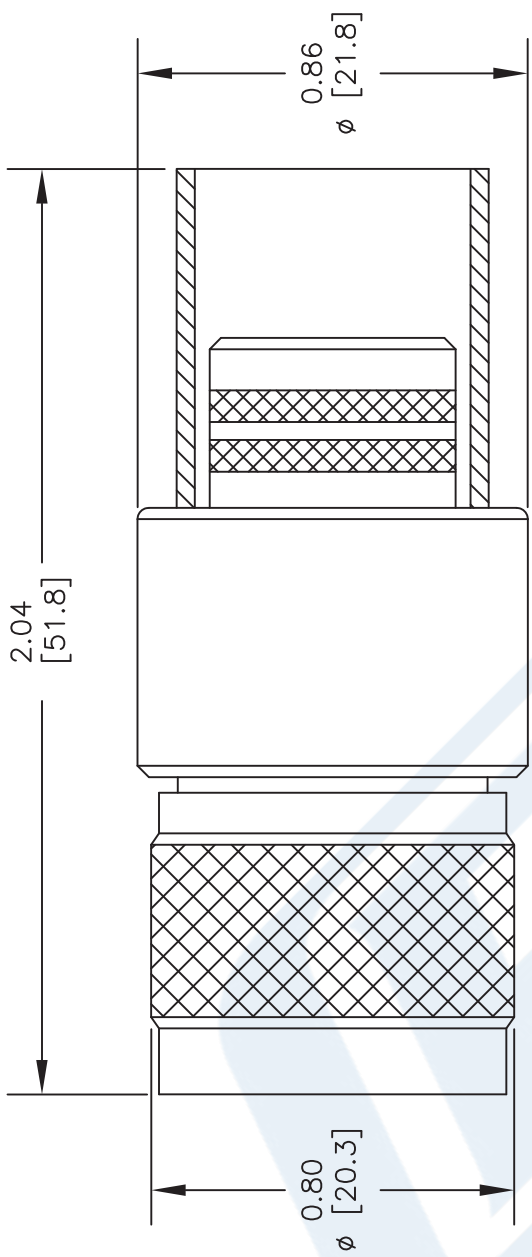
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Connector Crimp/Solder Attachment for PE-C600, LMR-600, LMR-600-DB, 0.600 inch PE44454](#)

URL: <https://www.pasternack.com/n-male-standard-pe-c600-connector-pe44454-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PE44454 CAD Drawing

N Male Connector Crimp/Solder Attachment for PE-  
C600, LMR-600, LMR-600-DB, 0.600 inch



STRIPPING DIMENSIONS  
CRIMP SIZE REQUIRED  
CONTACT: SOLDER  
FERRULE: .610 HEX CRIMP TOOL

**PASTERNAK®**  
Pasternack Enterprises, Inc.  
P.O. Box 16759 | Irvine | CA | 92623  
**Phone:** (949) 261-1920 | **Fax:** (949) 261-7451  
**Website:** [www.pasternack.com](http://www.pasternack.com) | **E-Mail:** [sales@pasternack.com](mailto:sales@pasternack.com)

DWG TITLE  
**PE44454**

NOTES:  
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.  
3. DIMENSIONS ARE IN INCHES [mm].  
4. FITS MIL-C-17 AND EQUIVALENT CABLES.

FSCM NO. 53919

CAD FILE 061810  
SCALE N/A  
SIZE A  
2233

# LMR®-600 Flexible Low Loss Communications Coax

## Ideal for...

- Jumper Assemblies in Wireless Communications Systems
- Short Antenna Feeder runs
- Any application (e.g. WLL, GPS, LMR, WLAN, WISP, WiMax, SCADA, Mobile Antennas) requiring an easily routed, low loss RF cable



• **LMR®** standard is a UV Resistant Polyethylene jacketed cable designed for 20-year service outdoor use. The bending and handling characteristics are significantly better than air-dielectric and corrugated hard-line cables.

• **LMR®-DB** is identical to standard LMR plus has the advantage of being watertight. The addition of waterproofing compound in and around the foil/braid insures continuous reliable service should the jacket be inadvertently damaged during installation or in the future.

• **LMR®-FR** is a non-halogen (non-toxic), low smoke, fire retardant cable designed for in-building runs that can be routed anywhere except air handling plenums. LMR-FR is UL/NEC & CSA rated 'CMR' and 'FT4' respectively, meets FAA FAR25 requirements and is MSHA-P for mining applications.

• **LMR®-FR-PVC** is a general-purpose indoor cable and has a UL/NEC & CSA rating of 'CMR' and 'FT4' respectively. It is less expensive than LMR-FR, however it emits toxic fumes (HCL) and greater smoke density when burned.

• **LMR®-PVC** is designed for low loss general-purpose applications and is somewhat more flexible than the standard polyethylene jacketed LMR.

• **LMR®-PVC-W** is a white-jacketed version of LMR-PVC for marine and other applications where color compatibility is desired.

• **Flexibility** and bendability are hallmarks of the LMR-600 cable design. The flexible outer conductor enables the tightest bend radius available for any cable of similar size and performance.

• **Low Loss** is another hallmark feature of LMR-600.

Size for size LMR has the lowest loss of any flexible cable and comparable loss to semirigid hard-line cables.

• **RF Shielding** is 50 dB greater than typical single shielded coax (40 dB). The multi-ply bonded foil outer conductor is rated conservatively at > 90 dB (i.e. >180 dB between two adjacent cables).

• **Weatherability:** LMR-600 cables designed for outdoor exposure incorporate the best materials for UV resistance and have life expectancy in excess of 20 years.

• **Connectors:** A wide variety of connectors are available for LMR-600 cable, including all common interface types, reverse polarity, and a choice of solder or non-solder center pins. Most LMR connectors employ crimp outer attachment using standard hex crimp sizes.

• **Cable Assemblies:** All LMR-600 cable types are available as pre-terminated cable assemblies. Refer to the section on FlexTech for further details.

| Part Description |                          |              |       | Stock |
|------------------|--------------------------|--------------|-------|-------|
| Part Number      | Application              | Jacket Color | Code  |       |
| LMR-600          | Outdoor                  | PE           | Black | 54003 |
| LMR-600-DB       | Outdoor/Watertight       | PE           | Black | 54093 |
| LMR-600-FR       | Indoor/Outdoor Riser CMR | FRPE         | Black | 54032 |
| LMR-600-FR-PVC   | Indoor/Outdoor Riser CMR | FRPVC        | Black | 54074 |
| LMR-600-PVC      | General Purpose          | PVC          | Black | 54219 |
| LMR-600-PVC-W    | General Purpose          | PVC          | White | 54206 |

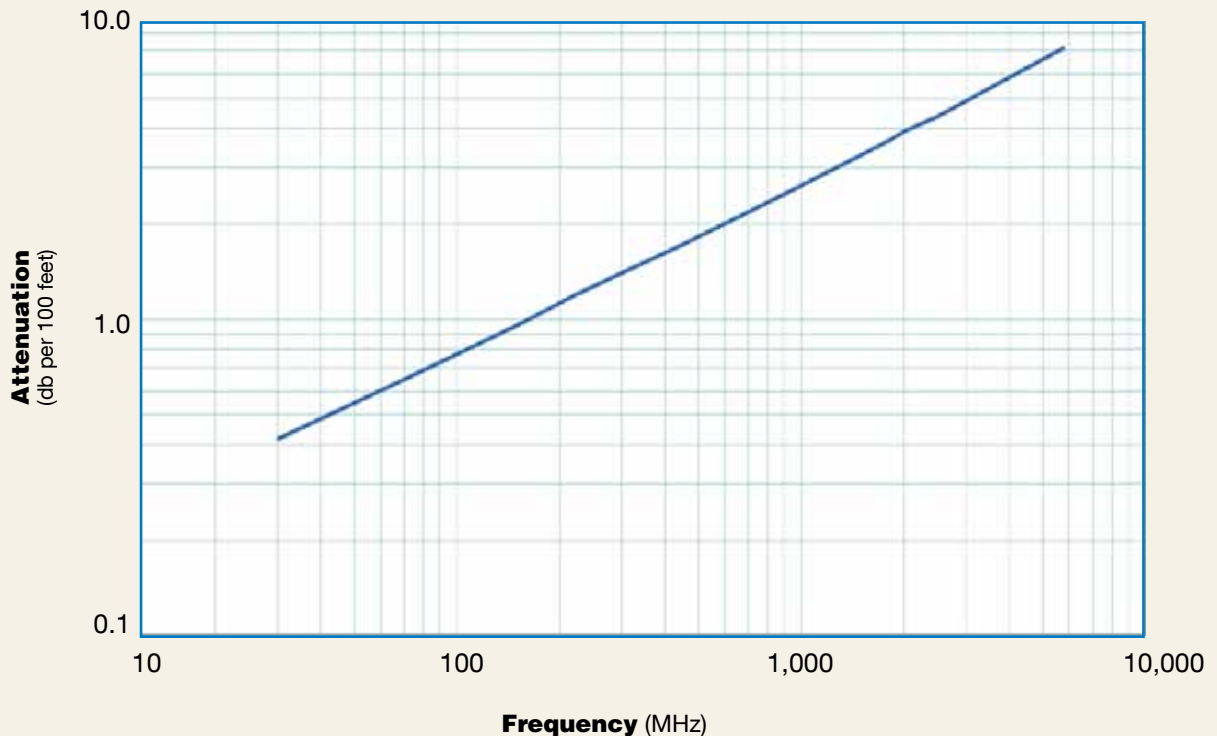
| Construction Specifications |                   |       |         |
|-----------------------------|-------------------|-------|---------|
| Description                 | Material          | In.   | (mm)    |
| Inner Conductor             | Solid BCCA        | 0.176 | (4.47)  |
| Dielectric                  | Foam PE           | 0.455 | (11.56) |
| Outer Conductor             | Aluminum Tape     | 0.461 | (11.71) |
| Overall Braid               | Tinned Copper     | 0.490 | (12.45) |
| Jacket                      | (see table above) | 0.590 | (14.99) |

| Mechanical Specifications |                |       |          |
|---------------------------|----------------|-------|----------|
| Performance Property      | Units          | US    | (metric) |
| Bend Radius: installation | in. (mm)       | 1.50  | (38.1)   |
| Bend Radius: repeated     | in. (mm)       | 6.0   | (152.4)  |
| Bending Moment            | ft-lb (N-m)    | 2.75  | (3.73)   |
| Weight                    | lb/ft (kg/m)   | 0.131 | (0.20)   |
| Tensile Strength          | lb (kg)        | 350   | (158.9)  |
| Flat Plate Crush          | lb/in. (kg/mm) | 60    | (1.07)   |

| Environmental Specifications   |          |         |
|--------------------------------|----------|---------|
| Performance Property           | °F       | °C      |
| Installation Temperature Range | -40/+185 | -40/+85 |
| Storage Temperature Range      | -94/+185 | -70/+85 |
| Operating Temperature Range    | -40/+185 | -40/+85 |

| Electrical Specifications |                   |       |          |
|---------------------------|-------------------|-------|----------|
| Performance Property      | Units             | US    | (metric) |
| Velocity of Propagation   | %                 | 87    |          |
| Dielectric Constant       | NA                | 1.32  |          |
| Time Delay                | nS/ft (nS/m)      | 1.17  | (3.83)   |
| Impedance                 | ohms              | 50    |          |
| Capacitance               | pF/ft (pF/m)      | 23.4  | (76.6)   |
| Inductance                | uH/ft (uH/m)      | 0.058 | (0.19)   |
| Shielding Effectiveness   | dB                | >90   |          |
| DC Resistance             |                   |       |          |
| Inner Conductor           | ohms/1000ft (/km) | 0.53  | (1.7)    |
| Outer Conductor           | ohms/1000ft (/km) | 1.2   | (3.9)    |
| Voltage Withstand         | Volts DC          | 4000  |          |
| Jacket Spark              | Volts RMS         | 8000  |          |
| Peak Power                | kW                | 40    |          |

Attenuation vs. Frequency (typical)



| Frequency (MHz)              | 30   | 50   | 150  | 220  | 450  | 900  | 1500 | 1800 | 2000 | 2500 | 5800 |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|
| <b>Attenuation dB/100 ft</b> | 0.4  | 0.5  | 1.0  | 1.2  | 1.7  | 2.5  | 3.3  | 3.7  | 3.9  | 4.4  | 7.3  |
| <b>Attenuation dB/100 m</b>  | 1.4  | 1.8  | 3.2  | 3.9  | 5.6  | 8.2  | 10.9 | 12.1 | 12.8 | 14.5 | 23.8 |
| <b>Avg. Power kW</b>         | 5.51 | 4.24 | 2.41 | 1.97 | 1.35 | 0.93 | 0.70 | 0.63 | 0.59 | 0.52 | 0.32 |

**Calculate Attenuation =**

$(0.075550) \cdot \sqrt{\text{FMHz}} + (0.000260) \cdot \text{FMHz}$  (interactive calculator available at [http://www.timesmicrowave.com/cable\\_calculators](http://www.timesmicrowave.com/cable_calculators))

**Attenuation:**

VSWR=1.0; Ambient = +25°C (77°F)

**Power:**

VSWR=1.0; Ambient = +40°C; Inner Conductor = 100°C (212°F); Sea Level; dry air; atmospheric pressure; no solar loading

## LMR®-600 Flexible Low Loss Communications Coax



## Connectors

| Interface       | Description      | Part Number      | Stock Code | VSWR**<br>Freq. (GHz) | Coupling<br>Nut | Inner<br>Contact Attach | Outer<br>Contact Attach | Finish*<br>Body /Pin | Length<br>in (mm) | Width<br>in (mm) | Weight<br>lb (g) |
|-----------------|------------------|------------------|------------|-----------------------|-----------------|-------------------------|-------------------------|----------------------|-------------------|------------------|------------------|
| 7/8 EIA         | Flange           | EZ-600-78EIA     | 3190-1373  | <1.25:1               | (2.5)           | NA                      | Spring Finger Clamp     | S/S                  | 2.3 (58)          | 2.60 (66.0)      | 0.873 (396.0)    |
| 7-16 DIN Female | Straight Jack    | TC-600-716FC     | 3190-375   | <1.25:1               | (2.5)           | NA                      | Solder Clamp            | S/S                  | 1.1 (28)          | 1.00 (25.4)      | 0.249 (112.9)    |
| 7-16 DIN Male   | Straight Plug    | EZ-600-716MH     | 3190-503   | <1.25:1               | (2.5)           | Hex                     | Spring Finger Crimp     | S/S                  | 2.0 (51)          | 1.30 (33.0)      | 0.254 (115.2)    |
|                 | Straight Plug    | TC-600-716MC     | 3190-502   | <1.25:1               | (2.5)           | Hex                     | Solder Clamp            | S/S                  | 2.0 (51)          | 1.30 (33.0)      | 0.347 (157.4)    |
|                 | Right Angle      | TC-600-716M-RA   | 3190-395   | <1.35:1               | (2.5)           | Hex                     | Solder Crimp            | S/S                  | 1.4 (36)          | 1.40 (35.6)      | 0.354 (160.8)    |
| 7/16 Male       | Right Angle      | EZ-600-716M-RA-X | 3190-2546  | <1.35:1               | (6)             | Hex                     | Spring Finger Crimp     | A/G                  | 1.6 (40)          | 1.38 (35.0)      | 0.462 (210.0)    |
|                 | Straight Jack    | EZ-600-716F      | 3190-2447  | <1.25:1               | (6)             | Hex                     | Spring Finger Crimp     | A/G                  | 1.8 (45)          | 1.32 (33.6)      | 0.158 (71.7)     |
| HN Male         | Straight Plug    | TC-600-HNM       | 3190-1429  | <1.25:1               | (<1)            | Knurl                   | Solder Clamp            | S/G                  | 2.3 (59.2)        | 0.88 (22.4)      | 0.25 (113)       |
| LC Male         | Straight Plug    | TC-600-LCM       | 3190-1406  | <1.25:1               | (<1)            | Hex                     | Solder Clamp            | N/S                  | 3.1 (78.0)        | 1.62 (41.1)      | 1.20 (544)       |
| N Female        | Straight Jack    | EZ-600-NF        | 3190-955   | <1.25:1               | (2.5)           | NA                      | Spring Finger Crimp     | S/G                  | 2.3 (59)          | 0.87 (22.1)      | 0.150 (68.0)     |
|                 | Bulkhead Jack    | EZ-600-NF-BH     | 3190-616   | <1.25:1               | (2.5)           | NA                      | Spring Finger Crimp     | S/G                  | 2.4 (61)          | 0.88 (22.4)      | 0.195 (88.5)     |
|                 | Bulkhead Jack    | TC-600-NF-BH     | 3190-589   | <1.25:1               | (2.5)           | NA                      | Solder Crimp            | S/G                  | 2.4 (61)          | 0.88 (22.4)      | 0.195 (88.5)     |
|                 | Bulkhead Jack    | TC-600-NFC-BH    | 3190-466   | <1.25:1               | (2.5)           | NA                      | Solder Clamp            | S/G                  | 2.2 (56)          | 0.94 (23.9)      | 0.214 (97.1)     |
| N Male          | Straight Plug    | EZ-600-NMK       | 3190-669   | <1.25:1               | (2.5)           | Knurl                   | Spring Finger Crimp     | S/G                  | 2.1 (53)          | 0.92 (23.4)      | 0.164 (74.4)     |
|                 | Straight Plug    | EZ-600-NMC-2     | 3190-2641  | <1.25:1               | (6)             | Hex/Knurl               | Spring Finger Clamp     | A/G                  | 2.1 (53)          | 0.92 (23.4)      | 0.202 (91.6)     |
|                 | Straight Plug    | TC-600-NMC       | 3190-357   | <1.25:1               | (2.5)           | Hex                     | Solder Clamp            | S/G                  | 2.1 (53)          | 0.92 (23.4)      | 0.208 (93.4)     |
|                 | Straight Plug    | EZ-600-NMH-X     | 3190-2627  | <1.25:1               | (8)             | Hex/Knurl               | Spring Finger Crimp     | A/G                  | 2.1 (53)          | 0.92 (23.4)      | 0.164 (74.4)     |
|                 | Straight Plug    | TC-600-NMH-X     | 3190-2628  | <1.25:1               | (8)             | Hex/Knurl               | Spring Finger Crimp     | A/G                  | 2.1 (53)          | 0.92 (23.4)      | 0.166 (75.3)     |
|                 | Right Angle      | EZ-600-NMH-RA-X  | 3190-2639  | <1.35:1               | (6)             | Hex                     | Spring Finger Crimp     | A/G                  | 2.0 (50)          | 1.42 (36.0)      | 0.224 (101.7)    |
|                 | Right Angle      | TC-600-NMH-RA-D  | 3190-2427  | <1.35:1               | (6)             | Hex                     | Solder Crimp            | A/G                  | 1.8 (46.5)        | 1.62 (41.2)      | 0.185 (84.3)     |
| QDS Male        | Straight Plug    | TC-600-QDSM      | 3190-846   | <1.25:1               | (<1)            | Knurl                   | Solder Clamp            | A/G                  | 2.2 (55.6)        | 1.00 (25.4)      | 0.25 (113)       |
|                 | Right Angle      | TC-600-QDSM-RA   | 3190-847   | <1.25:1               | (<1)            | Knurl                   | Solder Clamp            | A/G                  | 2.4 (61.5)        | 1.88 (47.8)      | 0.35 (159)       |
| TNC Male        | Straight Plug    | TC-600-TM-X      | 3190-2530  | <1.25:1               | (6)             | Hex/Knurl               | Solder Crimp            | A/G                  | 2.3 (57.6)        | 0.75 (19.0)      | 0.100 (45.6)     |
|                 | Straight Plug    | EZ-600-TM-X      | 3190-2531  | <1.25:1               | (6)             | Hex/Knurl               | Spring Finger Crimp     | A/G                  | 2.3 (57.6)        | 0.75 (19.0)      | 0.100 (45.6)     |
|                 | Reverse Polarity | EZ-600-TM-RP     | 3190-796   | <1.25:1               | (2.5)           | Knurl                   | Spring Finger Crimp     | A/G                  | 2.2 (56)          | 0.87 (22.0)      | 0.112 (50.8)     |
| TNC Female      | Reverse Polarity | EZ-600-TF-RP     | 3190-797   | <1.25:1               | (2.5)           | NA                      | Spring Finger Crimp     | A/G                  | 2.3 (58)          | 0.87 (22.0)      | 0.100 (45.4)     |
| UHF Male        | Straight Plug    | EZ-600-UM        | 3190-615   | <1.25:1               | (2.5)           | Knurl                   | Spring Finger Crimp     | S/G                  | 1.7 (43)          | 0.88 (22.4)      | 0.164 (74.4)     |
|                 | STRAIGHT PLUG    | TC-600-UMC       | 3190-213   | <1.25:1               | (2.5)           | KNURL                   | SOLDER CLAMP            | S/G                  | 1.7 (43)          | 0.88 (22.4)      | 0.198 (89.8)     |

Finish metals: N=Nickel, S=Silver, G=Gold, SS=Stainless Steel, A=Alloy \*\*VSWR spec based on 3 foot cable with a connector pair \*Available in bulk pack



## Install Tools

| Type               | Part Number | Stock Code | Description                                                                                 |
|--------------------|-------------|------------|---------------------------------------------------------------------------------------------|
| Crimp Tool         | HX-4        | 3190-200   | Crimp Handle                                                                                |
| Crimp Dies         | Y1720       | 3190-203   | .610" Hex Dies                                                                              |
| Crimp Rings        | CR-600      | 3190-831   | Crimp Rings for TC/EZ-600 connectors (pkg of 10)                                            |
| Strip Tool         | CST-600     | 3192-052   | Combination prep tool for LMR-600 crimp and clamp style connectors                          |
| Replacement Blades | RB-456      | 3190-421   | Replacement Blades for Strip Tools                                                          |
| Deburr Tool        | DBT-U       | 3192-001   | Removes center conductor rough edges                                                        |
| Midspan Strip Tool | GST-600A    | 3190-1051  | For ground strap attachment                                                                 |
| Wrench             | WR600       | 3190-1435  | 15/16" Box Wrench (2 required for EZ-600-NMC-2)                                             |
| Cutting Tool       | CCT-01      | 3190-1544  | Cable end flush cut tool                                                                    |
| Replacement Blade  | RB-01       | 3190-1609  | Replacement blade for cutting tool                                                          |
| Replacement Blade  | RB-CST      | 3192-086   | Replacement blade kit for all CST strip tools                                               |
| Tool Kit           | TK-600EZ    | 3190-1602  | Tool kit for LMR crimp/clamp connectors (includes CCT-01, CST-600, HX-4, Y1720, Tool Pouch) |



## Hardware Accessories

| Type                             | Part Number | Stock Code | Description                                                |
|----------------------------------|-------------|------------|------------------------------------------------------------|
| Ground Kit                       | GK-S600TT   | GK-S600TT  | Standard Grounding Kit (each)                              |
| Hoisting Grip                    | HG-600T     | HG-600T    | Split/Laced Type (each)                                    |
| Cold Shrink                      | CS-A600T    | CS-A600T   | Cable to Antenna Junction (each)                           |
| Cold Shrink                      | CS-60120T   | CS-60120T  | LMR-600 to -1200 Junction (each)                           |
| Cold Shrink                      | CS-60170T   | CS-60170T  | LMR-600 to -1700 Junction (each)                           |
| Hanger Blocks                    | CB-600T     | CB-600T    | Dual Cable Support Block (kit of 10)                       |
| Standard Entry                   |             |            |                                                            |
| Port Cushion                     | SC-600T-3   | SC-600T-3  | Three cables (each)                                        |
| Snap-In Hangers                  | SH-U600T    | SH-U600T   | Snap-In Hangers (Kit of 10)                                |
| Hanger Block Supporting Hardware |             |            | Complete Range of Supporting Hardware & Adapters Available |