

PARTER PARTY

N Male to 7/16 DIN Female LSZH Jacketed Low PIM Cable Using SR401FLJ Low PIM Coax, RoHS

TECHNICAL DATA SHEET

PE3C2014

Pasternack's Low PIM formable cable assemblies are built using high quality formable .141 and .250 inch filled braid coax. These low PIM cable assemblies offer excellent Passive Intermodulation performance of -160dBc and are 100% RF and PIM tested at the time of production. Our low PIM cables use a protective Low Smoke Zero Halogen PVC jacket material and make it ideal for environments where safety and reliability is needed. There are 26 low PIM cable assembly configurations available including 4.1/9.5 Mini DIN, 7/16 DIN, Type N and SMA series in 100cm and 200cm standard lengths.

Features

- 0.141 and 0.250 Formable cable
- LSZH (Low Smoke Zero Halogen) PVC Jacket
- -160 dBc for Type N, 4.1/9.5 DIN, 7/16 DIN version
- -150 dBc for SMA versions

- > -100 dB RF Shielding
- DC to 3 GHz and DC to 6 GHz configurations
- · 100% PIM and RF tested

Applications

- Communication connectivity requirements
- · Low PIM applications
- Low PIM Lab Testing
- · Test equipment and rack systems

Configuration

Connector 1 N Male
Connector 2 7/16 DIN Female

Cable Type PE-SR401FLJ Low PIM

Electrical Specifications

Frequency Range DC to 3 GHz Impedance 50 Ohms

Max VSWR 1.15:1

RF Shielding -100 dB

Max Input Power 2 KWatts

Passive Intermodulation -160 dBc

Performance by Frequency

Frequency 1

Frequency 500 MHz

Insertion Loss 0.05 dB/ft [0.16 dB/m]

Power Handling, KWatts

Frequency 2

Frequency 1000 MHz

Insertion Loss 0.08 dB/ft [0.26 dB/m]

Power Handling 1.5 KWatts

Frequency 3

Frequency 3 GHz

Insertion Loss 0.14 dB/ft [0.46 dB/m]

Power Handling 950 Watts

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: N Male to 7/16 DIN Female LSZH Jacketed Low PIM Cable Using SR401FLJ Low PIM Coax, RoHS PE3C2014

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Balling Balling

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Mechanical Specifications

Temperature

Temperature Operating Range -55 to +125 deg C

Size

One Time Minimum Bend Radius 5 in [127 mm]

Cable

Cable Type PE-SR401FLJ Low PIM

Cable Inner ConductorCopper, SilverCable Outer ConductorCopper, TinDielectric TypePTFEJacket MaterialPVC LSZH

Jacket Diameter 0.276 in [7.01 mm]

Connector 1

Type N Male Configuration Straight

Inner Conductor Material and Plating

Coupling Nut Material and Plating

Brass, Tri-Metal

Hex Size 3/4 inch
Body Material and Plating Brass, Silver

Dielectric Type PTFE

Connector 2

Type 7/16 DIN Female

Configuration Straight

Inner Conductor Material and Plating Beryllium Copper, Silver

Body Material and Plating Brass, Silver Dielectric Type PTFE

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant Yes

Plotted and Other Data

Notes:

Values at +25 °C, sea level

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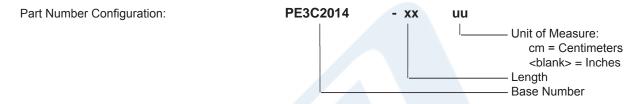


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How to Order



Example: PE3C2014-12 = 12 inches long cable PE3C2014-100cm = 100 cm long cable

N Male to 7/16 DIN Female LSZH Jacketed Low PIM Cable Using SR401FLJ Low PIM Coax, RoHS 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.

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URL: http://www.pasternack.com/n-male-7-16-female-sr401flj-low-pim-cable-assembly-pe3c2014-p.aspx

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PE3C2014 CAD Drawing
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