



SSMB Jack Bulkhead to Slide-On BMA Plug
Bulkhead Cable Using RG316-DS Coax

RF Cable Assemblies Technical Data Sheet

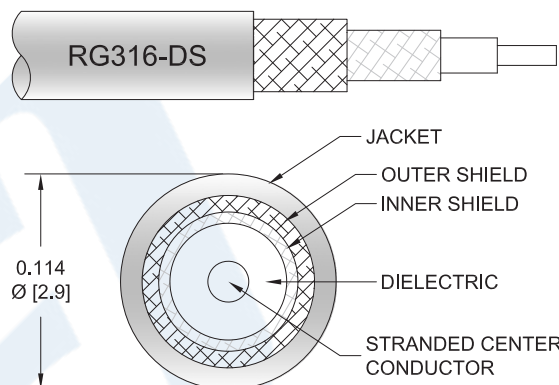
PE3W11047

Configuration

- Connector 1: SSMB Jack Bulkhead
- Connector 2: Slide-OnBMA Plug Bulkhead
- Cable Type: RG316-DS

Features

- Shielding Effectivity > 85 dB
- 69.5% Phase Velocity
- Double Shielded
- FEP Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W11047 SSMB jack bulkhead to BMA plug slide-on bulkhead cable using RG316-DS coax is part of our full line of RF components available for same-day shipping. Pasternack's flexible RF cable assemblies are ideal for applications where tight bends and flexure are required. This Pasternack SSMB to BMA cable assembly has a jack to plug gender configuration with 50 ohm flexible RG316-DS coax. Our RF cable assembly with SSMB bulkhead and BMA bulkhead interface allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications. The double shielding of this Pasternack cable assembly provides excellent shielding effectiveness of better than 85 dB.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other available RF cable assembly value added services include connector orientation or clocking, heat shrink booting and custom labeling. RF testing can also be performed to document the electrical performance of your cable assembly.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Velocity of Propagation		69.5		%
RF Shielding	85			dB
Capacitance		28.96 [95.01]		pF/ft [pF/m]
DC Resistance Inner Conductor		83.82 [275]		Ω/1000ft [Ω/Km]
DC Resistance Outer Conductor		5.33 [17.49]		Ω/1000ft [Ω/Km]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SSMB Jack Bulkhead to Slide-On BMA Plug Bulkhead Cable Using RG316-DS Coax PE3W11047](#)



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Mechanical Specifications

Cable Assembly

Weight 0.029 lbs [13.15 g]

Cable

Cable Type RG316-DS
 Impedance 50 Ohms
 Inner Conductor Type Stranded
 Inner Conductor Material and Plating Copper Clad Steel, Silver
 Dielectric Type PTFE
 Number of Shields 2
 Shield Layer 1 Silver Plated Copper Braid
 Shield Layer 2 Silver Plated Copper Braid
 Jacket Material FEP, Tan
 Jacket Diameter 0.114 in [2.9 mm]

One Time Minimum Bend Radius 0.59 in [14.99 mm]

Repeated Minimum Bend Radius 1.57 in [39.88 mm]

Connectors

Description	Connector 1	Connector 2
Type	SSMB Jack Bulkhead	BMA Plug Bulkhead
Impedance	50 Ohms	50 Ohms
Connection Method		Slide-On
Mating Cycles		500
Contact Material and Plating	Gold	Bronze, Gold
Contact Plating Specification		51.18µ in. minimum
Dielectric Type	PTFE	PTFE
Outer Conductor Material and Plating		Brass, Tri-Metal
Body Material and Plating	Brass, Gold	Brass, Tri-Metal
Hex Size		8 mm

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

Plotted and Other Data

Notes:

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How to Order

Part Number Configuration:

PE3W11047

- **xx**

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Unit of Measure:

cm = Centimeters

<blank> = Inches

Length

Base Number

Example: PE3W11047-12 = 12 inches long cable
 PE3W11047-100cm = 100 cm long cable

SSMB Jack Bulkhead to Slide-On BMA Plug Bulkhead Cable Using RG316-DS Coax from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% 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: [SSMB Jack Bulkhead to Slide-On BMA Plug Bulkhead Cable Using RG316-DS Coax PE3W11047](https://www.pasternack.com/ssmb-jack-bulkhead-to-slide-on-bma-plug-bulkhead-cable-using-rg316-ds-pe3w11047-p.aspx)

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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.

PE3W11047 CAD Drawing

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