

SSMC Plug Right Angle to SSMC Plug Right Angle Cable 18 Inch Length Using RG316-DS Coax



RF Cable Assemblies Technical Data Sheet

PE3C4470-18

Configuration

- Connector 1: SSMC Plug Right Angle
- Connector 2: SSMC Plug Right Angle
- Cable Type: RG316-DS

Features

- SSMC Cable Assembly Max. Operating Frequency of 3 GHz
- Small SSMC cable connection form factor (50% smaller than SMA, radially)
- Reliable threaded coupling
- In stock and ready to ship



Applications

- SSMC Cable General Purpose Test
- Data Acquisition Systems
- A/D Conversion Systems
- Ultra Wideband Digital Receivers
- Software defined radio (SDR)

Description

Pasternack's SSMC cable assemblies are part of our full line of RF components available for same-day shipping. These SSMC cable assemblies are designed to connect SSMC system components and test connections, delivering signal frequencies as high as 12.4 GHz. Our family of SSMC cables can also be used to connect SSMC ports on data acquisition systems, A/D modules or SSMC coax patch panels. If none of our standard options fit your application, you can specify your own custom SSMC cable assembly using Pasternack's online Cable Creator.

Our SSMC cable assembly datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave cable assemblies allow designers to configure and customize their signal connections however they like. Whether the need is to provide SSMC cabling for a data acquisition system, or simply create a custom cable assembly configuration, Pasternack has the right cable assemblies 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		3	GHz
VSWR			1.6:1	
Velocity of Propagation		70		%
Capacitance		29.4 [96.46]		pF/ft [pF/m]
Operating Voltage (AC)			250	Vrms

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SSMC Plug Right Angle to SSMC Plug Right Angle Cable 18 Inch Length Using RG316-DS Coax PE3C4470-18](#)



SSMC Plug Right Angle to SSMC Plug Right Angle Cable 18 Inch Length Using RG316-DS Coax

RF Cable Assemblies Technical Data Sheet

PE3C4470-18

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	0.1	0.4	1	3		GHz
Insertion Loss (Typ.)	0.32	0.45	0.6	0.91		dB

Mechanical Specifications

Cable Assembly

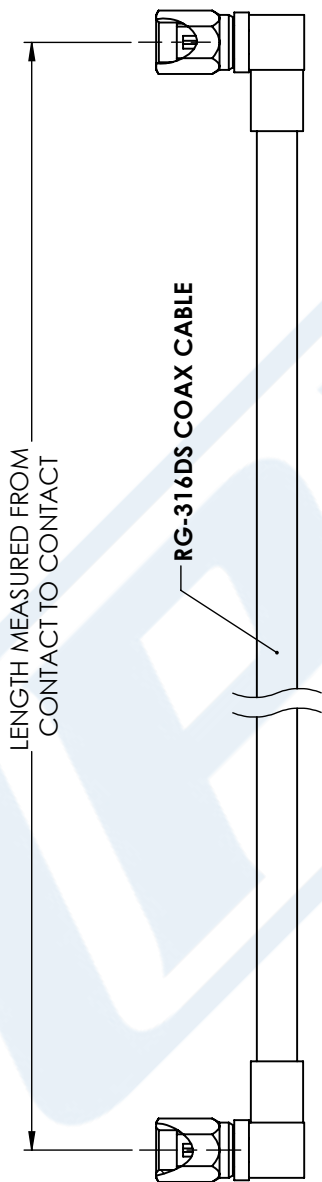
Length*	18 in [457.2 mm]
Diameter	0.156 in [3.96 mm]

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]
Repeated Minimum Bend Radius	0.6 in [15.24 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SSMC Plug Right Angle to SSMC Plug Right Angle Cable 18 Inch Length Using RG316-DS Coax PE3C4470-18](#)

PE3C4470-18 CAD Drawing
SSMC Plug Right Angle to SSMC Plug Right Angle Cable
18 Inch Length Using RG316-DS Coax



2X, SSMC PLUG RIGHT ANGLE CONNECTOR

STANDARD TOLERANCES	
.X	±0.2
.XX	±0.01
.XXX	±0.005

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

PE

PASTERNAK®

THE ENGINEER'S RF SOURCE

Pasternack Enterprises, Inc.

P.O. Box 16759 | Irvine | CA | 92623

Phone: (949) 261-1920 | Fax: (949) 261-7451

Website: www.pasternack.com | E-Mail: sales@pasternack.com

DWG TITLE	PE3C4470
CAGE CODE	53919

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].			
CAD FILE	09/05/17	SCALE	N/A
SIZE	A		CN2245