



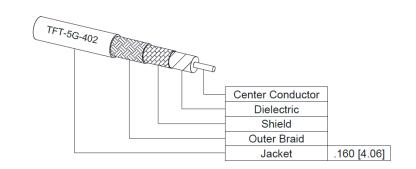
PE3C8295

Configuration

Connector 1: 4.3-10 Female
Connector 2: 7/16 DIN Male
Cable Type: TFT-5G-402
Coax Flex Type: Flexible

Features

- Max Frequency 5.8 GHz
 Low PIM: -160 dBc Max
 Shielding Effectivity > 80 dB
- 76% Phase Velocity
- · Double Shielded
- FEP Jacket



Applications

- · General Purpose
- · Laboratory Use

- · Low PIM Applications
- · Indoor and Outdoor Use
- Plenum Rated Applications

Description

Pasternack's PE3C8295 4.3-10 female to 7/16 DIN male cable using TFT-5G-402 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 4.3-10 to 7/16 DIN cable assembly has a female to male gender configuration with 50 ohm flexible TFT-5G-402 coax. The PE3C8295 4.3-10 female to 7/16 DIN male cable assembly operates to 5.8 GHz. Our low PIM design also offers excellent passive intermodulation performance with PIM levels better than -160 dBc. The double shielding of this Pasternack cable assembly provides excellent shielding effectiveness of better than 80 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
Frequency Range	DC		5.8	GHz
VSWR			1.4:1	
Velocity of Propagation		76		%
RF Shielding	80			dB
Passive Intermodulation			-160	dBc
IM3 (2x43dBm Tones) at 850 MHz or 1900 MHz				





PE3C8295

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Capacitance		26.7 [87.6]		pF/ft [pF/m]

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	0.25	0.5	1	2.5	5.8	GHz
Insertion Loss (Typ.)	0.057	0.083	0.117	0.19	0.295	dB/ft
	0.19	0.27	0.38	0.62	0.97	dB/m

Electrical Specification Notes:

Insertion Loss does not include the loss of the connectors. Insertion Loss is estimated as 0.1*SQRT(FGHz) dB for the female connector and 0.1 dB for the male connector.

FEP, Blue

Mechanical Specifications

Cable Assembly

 Width/Diameter
 1.25 in [31.75 mm]

 Weight
 0.088 lbs [39.92 g]

Cable

Cable TypeTFT-5G-402Impedance50 OhmsInner Conductor TypeSolidInner Conductor Material and PlatingCopperDielectric TypePTFE

Number of Shields
Jacket Material

Jacket Diameter0.16 in [4.06 mm]One Time Minimum Bend Radius0.75 in [19.05 mm]





PE3C8295

Connectors

Description	Connector 1	Connector 2
Туре	4.3-10 Female	7/16 DIN Male
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Mating Cycles	500	
Contact Material and Plating	Bronze, Silver	Brass, Silver
Contact Plating Specification	200 μin	5 μm
Dielectric Type	PTFE	PTFE
Outer Conductor Material and Plating	Brass, Tri-Metal	
Outer Conductor Plating Specification	80 µin	
Body Material and Plating	Brass, Tri-Metal	Brass, Tri-Metal
Body Plating Specification	80 µin	3 µm
Coupling Nut Material and Plating		Brass, Tri-Metal
Coupling Nut Plating Specification		3 μm
Torque		22.083 ft-lbs 29.95 Nm

Environmental Specifications

Operating Range Temperature

-55 to +85 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:





PE3C8295

Typical Performance Data

How to Order



Example: PE3C8295-12 = 12 inches long cable

PE3C8295-100cm = 100 cm long cable

4.3-10 Female to 7/16 DIN Male Low PIM Cable Using TFT-5G-402 Coax Using Times Microwave Components 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: 4.3-10 Female to 7/16 DIN Male Low PIM Cable Using TFT-5G-402 Coax Using Times Microwave Components PE3C8295

URL: https://www.pasternack.com/4.3-10-female-to-7-16-din-male-low-pim-cable-using-tft-5g-402-pe3c8295-p.aspx

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