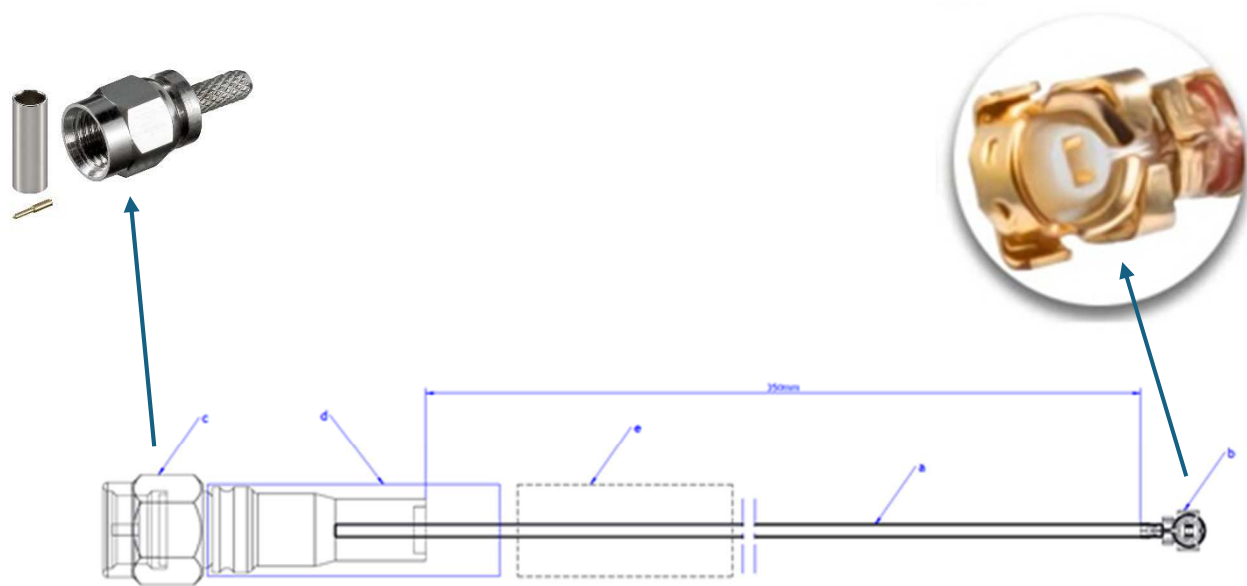


CABLE U.FL a SMA MACHO (cuerpo macho, pin macho)
RG178 en 0,30 metros



Flexible RG178 Coax Cable Single Shielded with Tan FEP Jacket

RF Cables Technical Data Sheet RG178B/U

Configuration

- Flexible Cable
- 1 Shield(s)

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
Impedance		50		Ohms
Velocity of Propagation		70		%
Operating Voltage (AC)			1,000	Vrms
Nominal Capacitance		29.4 [96.46]		pF/ft [pF/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	0.1	0.4	1	3		GHz
Attenuation, Typ	13.81	27.8	44.41	78.4		dB/100ft
	45.31	91.21	145.7	257.22		dB/100m

Mechanical Specifications

Diameter	0.072 in [1.83 mm]
Weight	0.005 lbs/ft [0.01 Kg/m]
Min. Bend Radius (Repeated)	0.4 in [10.16 mm]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper Clad Steel, Silver, 7 Strands	0.012 in [0.3 mm]
Conductor Type	Stranded	
Dielectric	PTFE	0.034 in [0.86 mm]
First Shield	Silver Plated Copper Braid	0.051 in [1.3 mm]
Jacket	FEP, Tan	0.072 in [1.83 mm]

Environmental Specifications

Temperature

Operating Range

-55 to +200 deg C

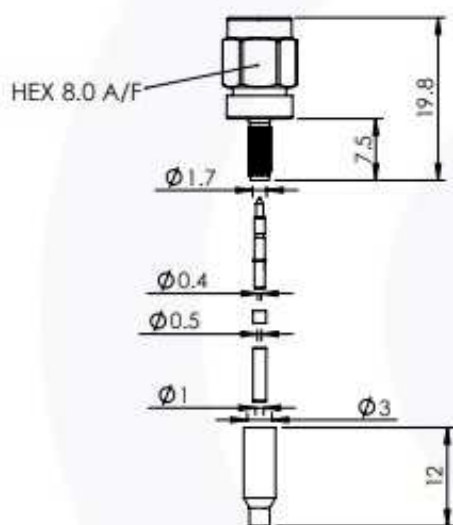
Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

Flexible RG178 Coax Cable Single Shielded with Tan FEP Jacket 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.

30005D3AA SMA CRIMP / CRIMP PLUG



7	PUSHER SLEEVE	BRASS	NICKEL
6	COUPLING NUT	BRASS	GOLD
5	GASKET	SILICONE	N/A
4	CRIMP SLEEVE	BRASS	GOLD
3	INSULATOR	PTFE	N/A
2	CENTRE CONTACT	BRASS	GOLD
1	BODY	BRASS	GOLD

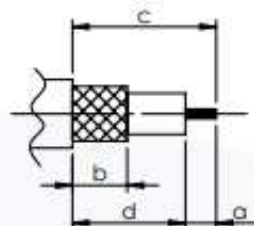
ITEM	DESCRIPTION	MATERIAL	PLATING
A4	SHEET 1 OF 1	DIMENSIONS ARE IN MILLIMETRES	
REVISION :	A00	NAME	SIGNATURE
ISSUE :	1	DATE	
6-8 COLNE ROAD, TWICKENHAM, MIDDLESEX. TW1 4JR		DRAWN	10
		CHK'D	GE
		APPV'D	

THE INFORMATION IS GIVEN AS AN INDICATION ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE. IN THE CONTINUAL GOAL TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO MAKE ANY MODIFICATIONS NECESSARY WITHOUT PRIOR NOTICE.

Suitable for Cables:

(AA) RG178, RG196

Stripping Dimensions



a = 3.0 mm
b = 8.0 mm
c = 13.0 mm
d = 10.0 mm

* CUT FOIL TO DIM. "b"

Assembly Procedure: AP002

Tooling

Centre Contact: Indent or SQ 0.95mm A/F Tool No: 336T1

Crimp Sleeve: Hex 3.25mm A/F Tool No: 336T1

Alignment Tool: Not Applicable Extraction: Not Applicable

Environmental Specification

Operating Temp: -55 to +155 Deg C.

IP Rating (Mated): IP 54

Electrical Specification

Impedance: 50 Ohm

Frequency: 0-12 GHz

Dielectric W/V: 750 Veff

Insulation res: 5000 M-Ohm

Mechanical Specification

Contact Retention: 27 N min

Cable Retention: 150 N min

Mating cycles: 500

Weight: 4.15 g

Connector Interface

Image for illustration purposes only

