



TAOGLAS®



Datasheet

CAB.0101

Description:

SMA(F) O-Ring to 100mm RG-174 SMB(F) Plug

Features:

Taoglas Cable Assembly
SMA(F) Bulkhead Straight
SMB(F) Plug
100mm RG-174 cable
RoHS & Reach Compliant

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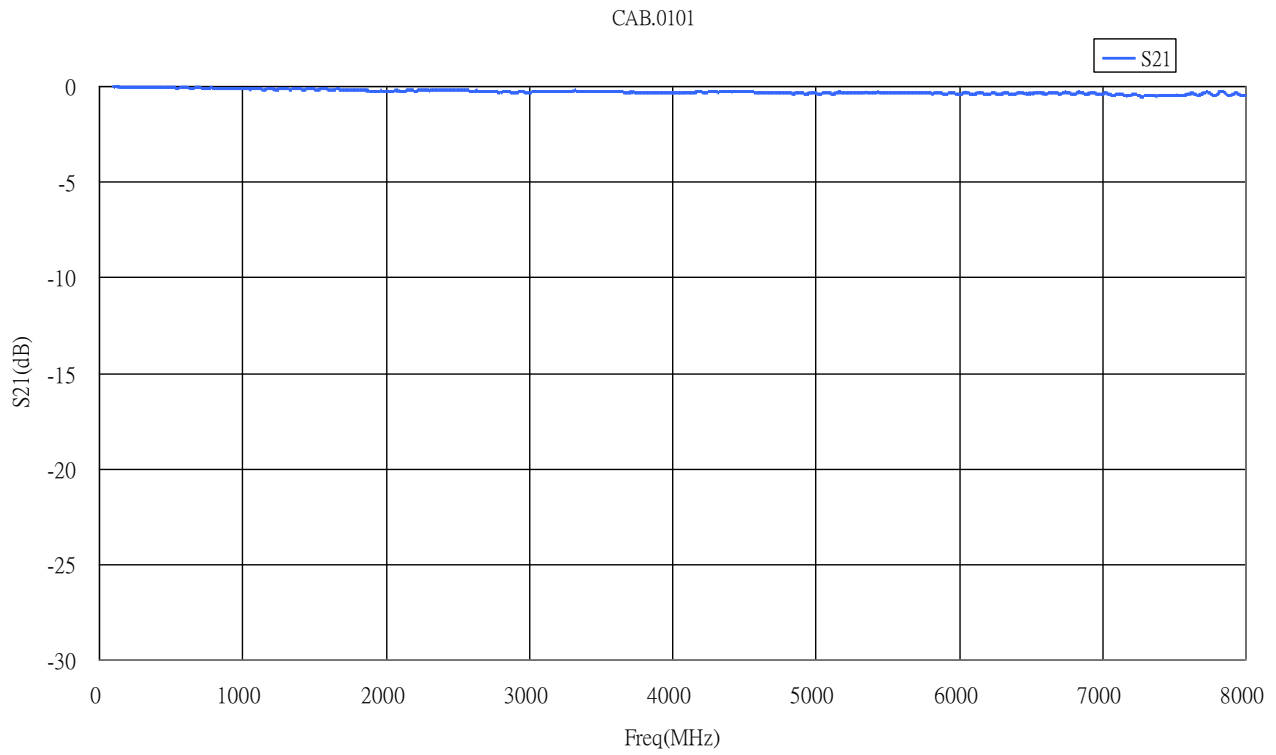
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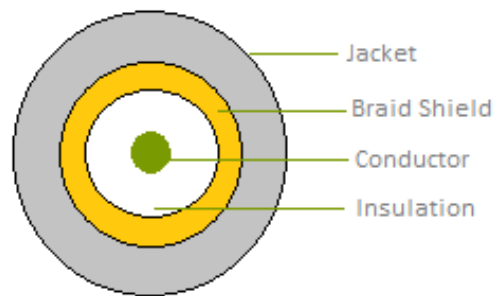


1. Cable Insertion Loss



2. RG-174 Cable Specification

2.1 Drawing – Cross Section



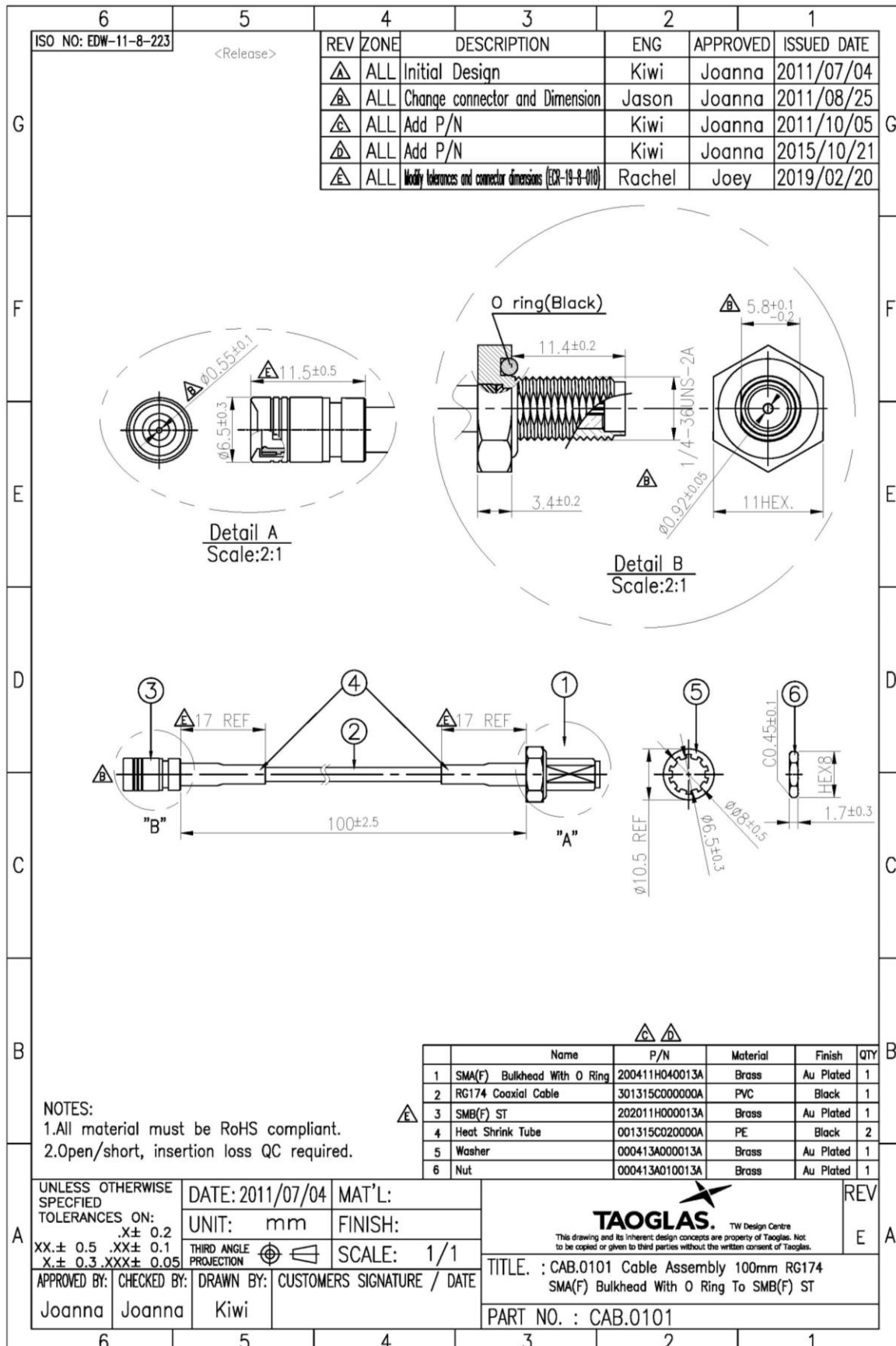
2.2 Structure and Dimensions



2.3 Electrical & Physical Specification

1	Temperature rating:	80°C
2	Voltage Rating:	30V
3	Insulation Resistance:	10MΩ-Km (Min) at 20°C dc 500V(EIA-364-21)
4	Conductor Resistance:	20°C 26 AWG: 148.96 Ω/Km (Max)
5	Capacitance:	30.8pf/ft
6	Dielectric Strength	AC 500V/1 minute no breakdown (EIA-364-20)
7	Impedance:	10MHz~3GHz 50 ± 5 Ω
8	Standard Attenuation:	100MHz 8.4 dB/100ft
		200MHz 12.5 dB/100ft
		400MHz 19.0 dB/100ft
		900MHz 31.0 dB/100ft
		1GHz 34.0 dB/100ft
		1.8GHz 49.4 dB/100ft
		2.34GHz 53.0 dB/100ft

3. Mechanical Drawing (Units: mm)



Changelog for the datasheet

SPE-11-8-072 – CAB.0101

Revision: E (Current Version)

Date:	2019-03-13
Changes:	Updated the drawing
Changes Made by:	Jack Conroy

Previous Revisions

Revision: D

Date:	2015-08-04
Changes:	Added Mounting Hole
Changes Made by:	Aine Doyle

Revision: C

Date:	2011-10-19
Changes:	
Changes Made by:	Taoglas

Revision: B

Date:	2011-09-05
Changes:	Packaging Details Updated
Changes Made by:	Taoglas

Revision: A (Original First Release)

Date:	2011-08-10
Notes:	
Author:	Taoglas



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