



TAOGLAS®



Datasheet

CAB.A02

Description:

SMA(F) Bulkhead Straight Jack to 95mm of Ø0.81mm IPEX MHFIII (W.FL Compatible)

Features:

Cable Assembly
SMA(F) Bulkhead Straight Jack
IPEX MHFIII (W.FL Compatible)
95mm Ø0.81mm cable
RoHS & Reach Compliant

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1. Introduction

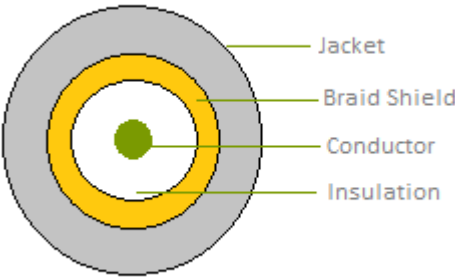


The Taoglas CAB.A02 is a 95mm $\varnothing 0.81\text{mm}$ cable assembly with IPEX MHFIII (W.FL Compatible) and SMA Female Bulkhead Jack connectors.

Taoglas provides customized length and connector variants subject to MOQ. Contact your regional Taoglas customer support team for details.

2. Cable Specifications – RG-178

2.1 Cross Section



2.2 Cross Section

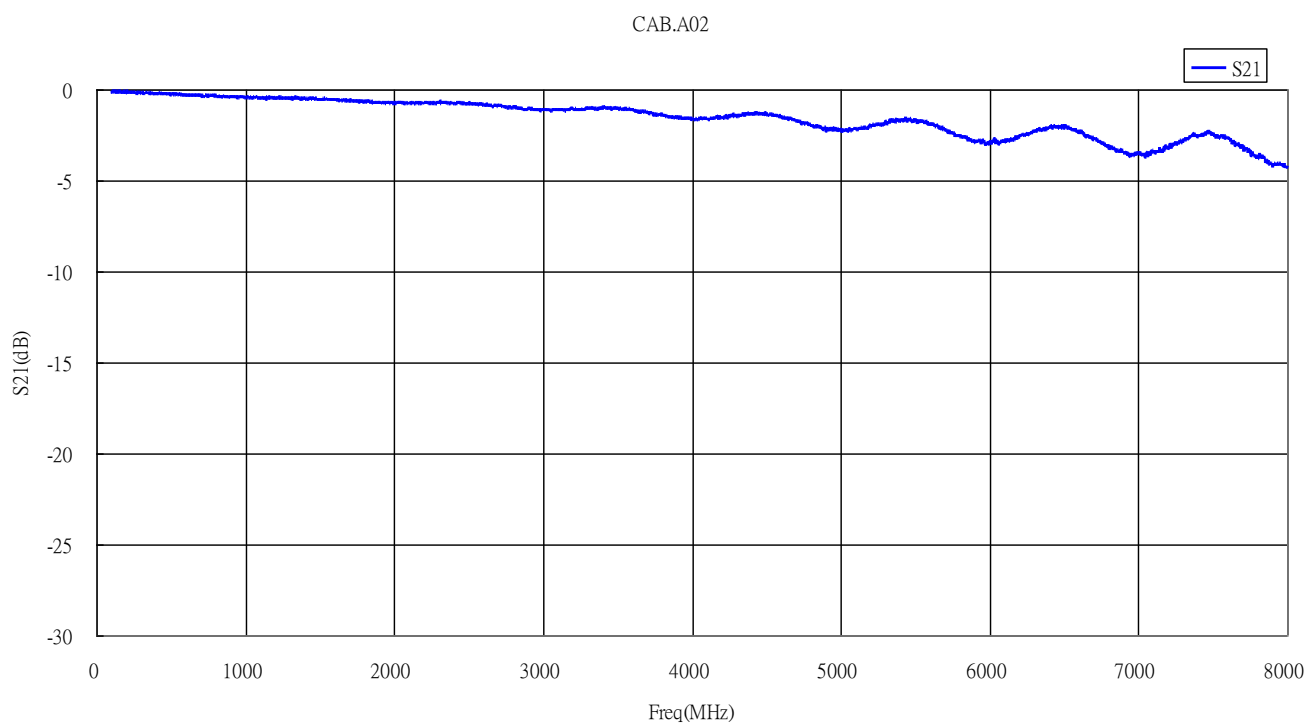
Structure and Dimensions

Conductor • Material – Silver Plated Copper • 32AWG(7/0.050mm) • Diameter - 0.15mm	Insulation • Material – FEP • Avg. Thickness- 0.13mm • Diameter – 0.41 ± 0.03mm • Colour - Natural	Braid Shield • Material–Silver Plated Copper • Structure – 16/3/0.050mm±0.003 • Coverage – 90% • Diameter – 0.63 ± 0.02mm	Jacket • Material – PFA • Avg. Thickness- 0.09mm • Diameter – 0.81 ± 0.05mm • Colour – upon request

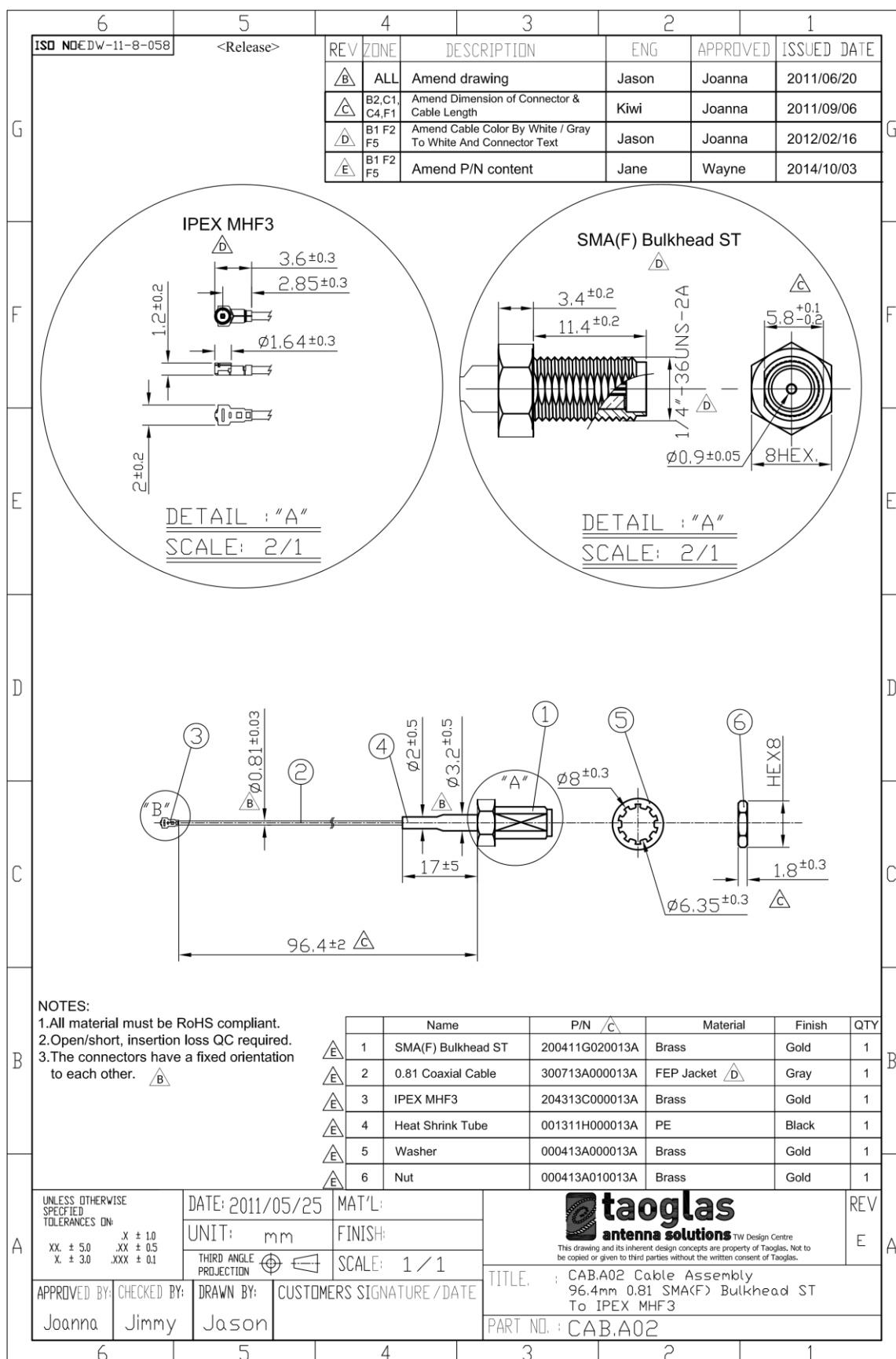
2.3 Cross Section

1	Rating Temp Voltage:	-40°C to 85°C	
2	Insulation Resistance:	1000 MEGA OHM-KM Min.	
3	Conductor Resistance:	1400 OHM/KM/20°C Max.	
4	Dielectric Strength:	AC 1.0 KV/minute	
5	Spark test:	2.5 KV	
6	Nom. Impedance	50 ± 3 Ohms	
7	Nom. Capacitance	97 ± 3 pF/m	
8	Standard Attenuation:	1GHz	3.6
		2GHz	5.1
		3GHz	6.2
		4GHz	7.5
		5GHz	8.5
		6GHz	9.4

3. Cable Insertion Loss

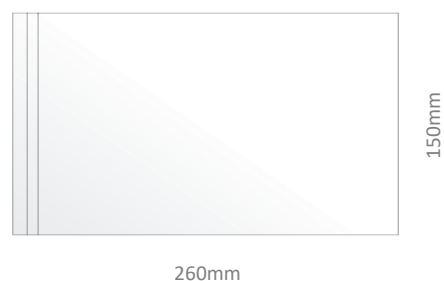


4. Mechanical Drawing (Units: mm)

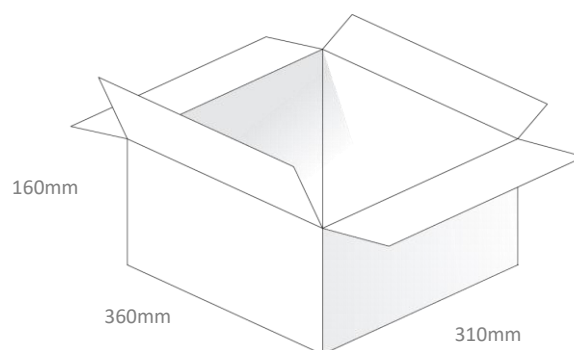


5. Packaging

100pcs CAB.A02 per PE Bag
Bag Dimension: 260*150mm
Weight: 410g



2000pcs CAB.A02 per Carton
Dimensions: 360*310*160mm
Weight: 8.5Kg



Changelog for the datasheet

SPE-11-8-118 – CAB.A02

Revision: D

Date: 2020-02-13

Notes:

Author: Jack Conroy

Previous Revisions

Revision: C

Date: 2015-08-04

Notes: Added Hole Data

Author: Jack Conroy

Revision: B

Date: 2011-10-20

Notes:

Author: Aine Doyle

Revision: A (Original First Release)

Date: 2011-10-14

Notes: Initial Release

Author: Aine Doyle



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