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Factory in Vietnam - SCON Co., Ltd.  
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# Test Report

Client : Trung Kien Ha Nam Co., Ltd.  
Address : 416/16A Pham Van Bach Street, Ward 15, Tan Binh District, Ho Chi Minh City, Vietnam

Tested Sample(s) :

No.	Item
1	FAOC-SC/UPC (AJW-FAOC-SS-SC/UPC-50)
2	FAOC-SC/APC (AJW-FAOC-SS-SC/APC-50)

## Test Results

Category	Requirements	Results	
		PASS	FAIL
Appearance	No mechanical damage	o	
Dimension	50 x 9 x 9 (mm)	o	
Connector Type	TIA/EIA 604-3(SC), UPC - Blue / APC - Green	o	
Boot	Screw Type	o	
Matching Gel	Origin : USA	o	
Package	FAOC unit, cleaning cloth, installation guide and FAOC jig (Jig is provided for every 10 connectors.)	o	
Operation Conditions	-40°C ~ +75°C, < 95%RH	o	

Category	Test Methods	Conditions	Test Standards	Results	
				PASS	FAIL
Insertion Loss	IEC 61300-3-34	-	$\leq 0.3\text{dB}$	o	
Return Loss	IEC 61300-3-6	-	$\geq 45\text{dB}$ (UPC), 55dB (APC)	o	
Endface Geometry	GR-326-CORE SEC 4.4.5	-	Radius of curvature : 7~25mm (UPC), 5~12mm (APC) Apex offset : < 50um (UPC, APC) Fiber height : -125~+50nm (UPC), -100~+100nm (APC)	o	
Tension	IEC 61300-2-4	$\geq 30\text{N}$	$\Delta\text{IL} \leq 0.2\text{dB}$ , No mechanical damage	o	
Repeated Connection	IEC 61300-3-34 / IEC 61300-3-6	10 times	$\Delta\text{IL} \leq 0.2\text{dB}$ , No mechanical damage	o	
Repeated Connection (Adapter)	IEC 61300-2-2	500 times	$\Delta\text{IL} \leq 0.2\text{dB}$ , No mechanical damage	o	

