



A.J. World Co., Ltd.
16, Magokjungang 14-ro, Gangseo-gu, Seoul, 07789, Republic of Korea
Tel. +82-2-567-5216 Fax. +82-2-563-2433

Factory in Vietnam - SCON Co., Ltd.
No. 6 VSIP II-A, Street 29, VSIP II-A Vinh Tan Ward, Tan Uyen Town, Binh Duong Province, Vietnam
Tel. +84-274-222-2075~77 Fax. +84-274-222-2083

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	MSP-O (AJW-MSP-O)

Test Results :

Category	Requirements	Results	
		PASS	FAIL
Appearance	No mechanical damage	o	
Dimension	90 x 9.9 x 8.5 mm / 120.8 x 10.7 x 9.5 mm (including heat shrink tube)	o	
Wavelength	1310, 1490, 1550nm	o	
Fiber Type	G652D, G657A1	o	
Accommodating Cable	2mm, 2x3mm Cable	o	
IP ratings	IP 54	o	
Package	MSP-O, heat shrink tube, heat shield tape, sealing tape, cable holder for 2mm cable, cleaning cloth, installation guide and measurement jig (Jig is provided for every 6 connectors.)	o	
Operation Conditions	-10°C ~ +60°C	o	

Category	Test Methods	Conditions	Test Standards	Results	
				PASS	FAIL
Insertion Loss	IEC 61300-3-34	-	$\leq 0.15\text{dB}$	o	
Return Loss	IEC 61300-3-6	-	$\geq 55\text{dB}$	o	
Tension	IEC 61300-2-4	$\geq 40\text{N}$	$\Delta\text{IL} \leq 0.2\text{dB}$	o	
Repeated Connection (MSP)	IEC 61300-3-34 / IEC 61300-3-6	≥ 5 times	$\text{IL} \leq 0.15\text{dB}$, No mechanical damage	o	
Against Overheating (Heat Shrink Tube and Sealing Tapes)	IEC 61300-3-34	after heat application (with heat shrink tube and sealing tapes)	$\Delta\text{IL} < 0.1\text{dB}$, No mechanical damage	o	

