



Specification  
of  
Plug Jack Reflector  
(Low loss type)

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1. Introduction

This document covers the specification of Plug Jack Reflector (Low loss type).

2. Product Name

Product Name	Type
FG<1650>LG-PJP-SA-LL	Low loss type

3. Specification

3-1 Optical Specification (note1,2)

Items	Specification
Connector type	SC/APC
Connector color	Green
Applicable fiber	Single Mode Fiber
Operating wavelength	Pass Band : 1260nm~1360nm & 1460nm~1625nm Reflect Band : 1645nm~1655nm
Insertion loss	≤ 1.0dB @ (1260nm~1360nm) * <sup>1</sup> ≤ 1.0dB @ (1460nm~1625nm) * <sup>1</sup> ≥ 20dB @ Reflect Band
Return loss	≥ 35dB @ (1260nm~1360nm) * <sup>1</sup> ≥ 35dB @ (1460nm~1580nm) * <sup>1</sup> ≥ 30dB @ (1580nm~1600nm) * <sup>2</sup> ≥ 20dB @ (1600nm~1625nm) * <sup>2</sup> ≤ 1.4dB @ Reflect Band
Dimensions	Fig.1

(note1) Only the condition that signal come from "Input" fiber(Figure 1)

(note2) \*<sup>1</sup> Measured at the arbitrary wavelength \*<sup>2</sup> Design guarantee

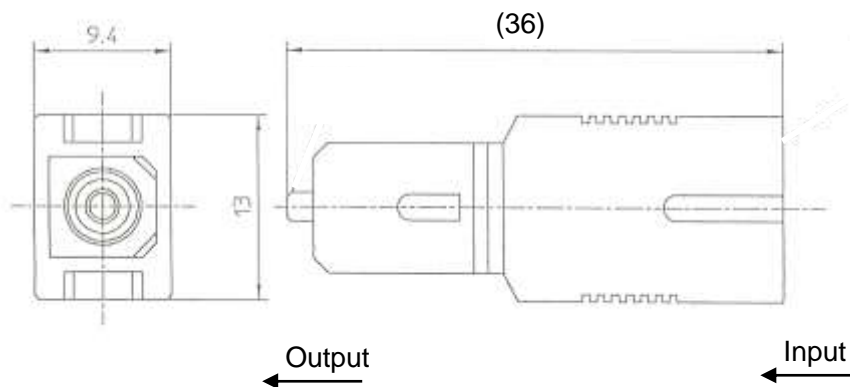


Fig.1 Dimensions

3-2 Environmental Conditions

Items	Specification
Operational Temperature	-20~+40°C
Operational Humidity	5~93%RH
Storage Temperature	-20~+40°C
Storage Humidity	5~93%RH

4. Revision History

Revision	Date	Description
First Edition	November. 26, 2018	---
A Edition	January.27,2021	Added optical specification for 1600-1625nm(Section 3-1)