

### FEATURES

- DETACHABLE FROM OE SONET SMT MODULES
- VARIETY OF CONNECTORS ARE AVAILABLE

### PERFORMANCE SPECIFICATIONS

(Both end terminal, unless noted)

ITEM		SPECIFICATIONS
Insertion Loss		≤0.8 dB
Return Loss		≥28 dB
		≥40 dB <sup>1</sup>
Repeatability		±0.4 dB
Operating Temperature		-40 to +85°C
Storage Temperature		-40 to +85°C
Durability	Detachable Terminal	20 times MAX
	SCG Connector	100 times MAX <sup>2</sup>
	Other Connectors (SC, FCPC, ST)	500 times MAX

Notes:

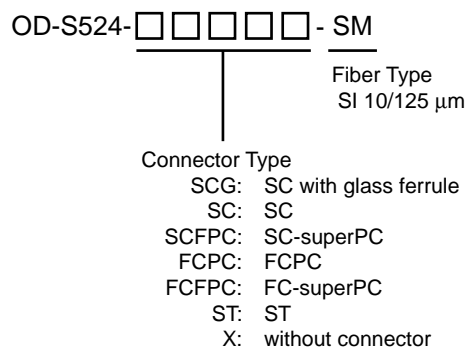
1. OD-S524-SCFPC-SM and OD-S524-FCFPC-SM.
2. This value does not specify the connect/disconnect times of the mated plug.

### DESCRIPTION

NEC's new surface mount, (SMT) transmitter/receiver modules are designed for use in fiber optic communications applications such as SONET. OD-S524 series can be detached from SMT SONET modules for enhanced flexibility.

OE SONET SMT Modules can be soldered like an ordinary integrated circuit by a standard I.R. reflow process. OD-S524 series are connected to the module after mounting on the circuitry board.

### ORDERING INFORMATION



### PRODUCT LIST

PART NUMBER <sup>1</sup>	CONNECTOR TYPE	FIBER TYPE	CORD TYPE	CORD LENGTH
OD-S524-SCG-SM	SCG	SI 10/125	φ 0.9	55 cm
OD-S524-SC-SM	SC-PC			
OD-S524-SCFPC-SM	SC-superPC			
OD-S524-FCPC-SM	FC-PC			
OD-S524-FCFPC-SM	FC-superPC			
OD-S524-ST-SM	ST			
OD-S524-X-SM	without Connector			

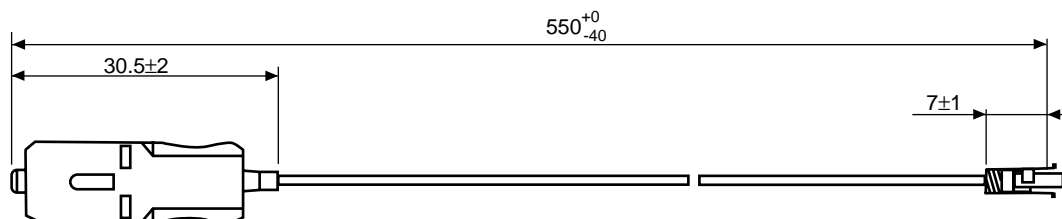
Note:

1. SCG: SC connector with glass ferrule.

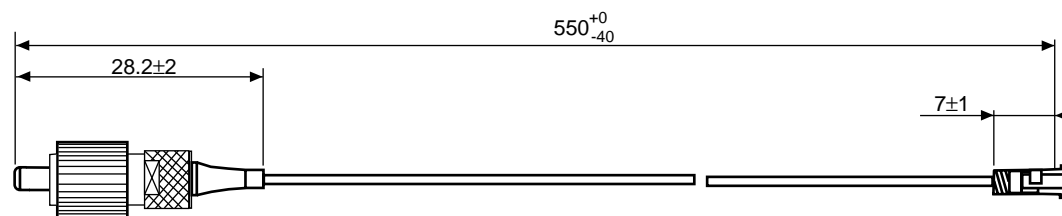
# OD-S524 SERIES

## DIMENSIONS (Units in mm)

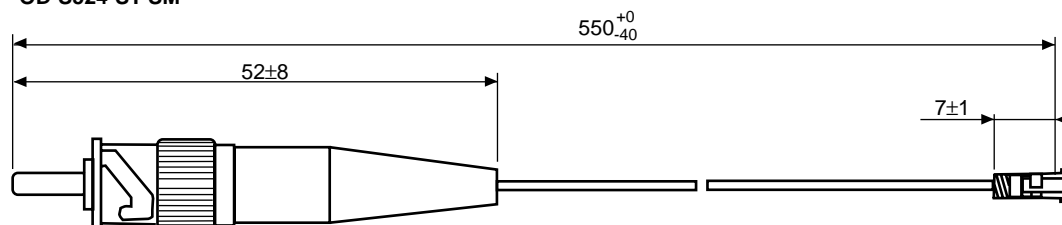
### OD-S524-SCG-SM, OD-S524-SC-SM, OD-S524-SCFPC-SM



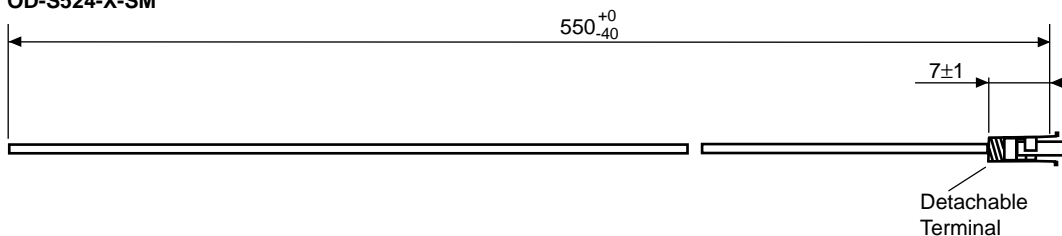
### OD-S524-FCPC-SM, OD-S524-FCFPC-SM



### OD-S524-ST-SM



### OD-S524-X-SM



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