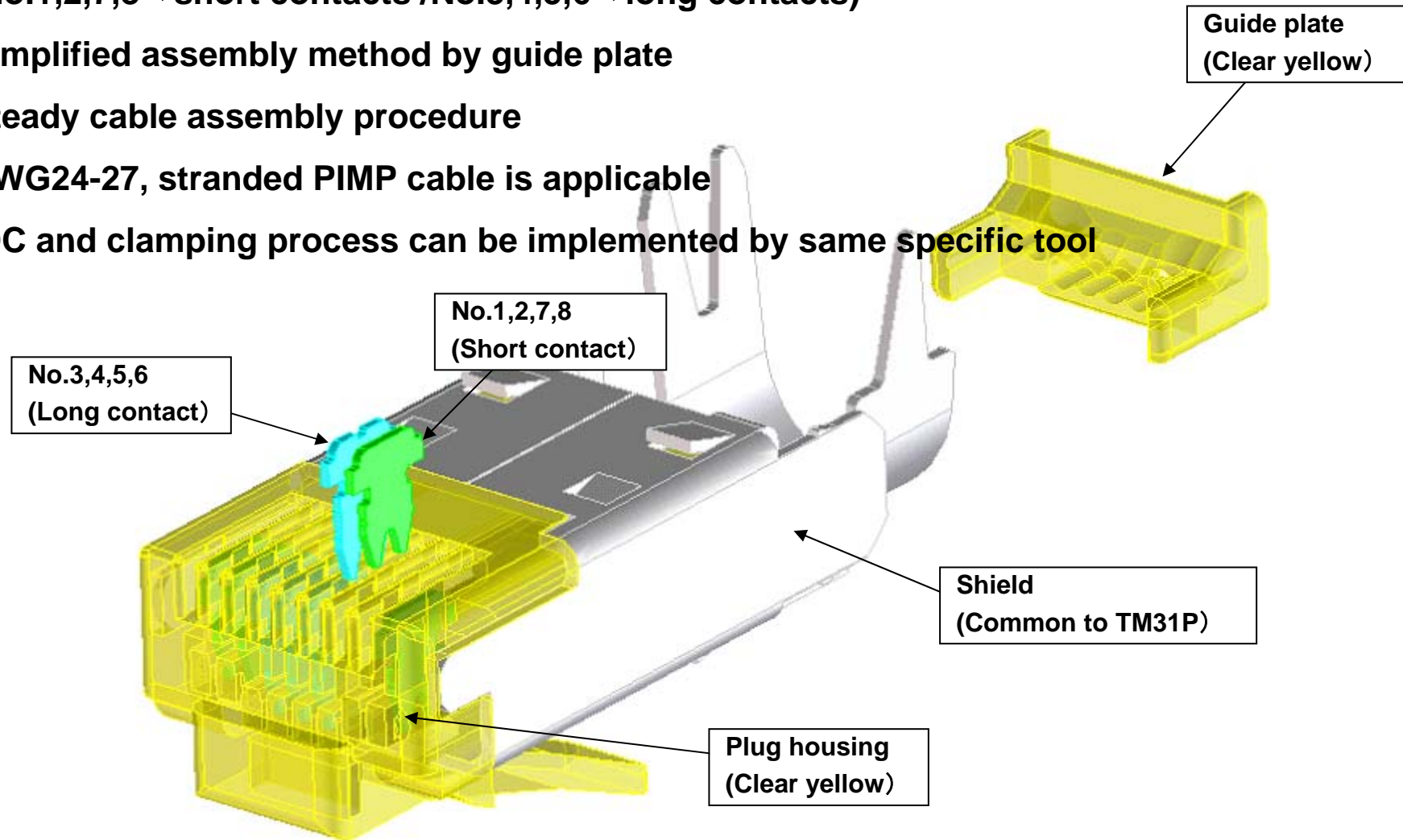


# Plug : TM31P-TM-88P



1. Plug design satisfying CAT6a performance  
(No.1,2,7,8⇒short contacts /No.3,4,5,6⇒long contacts)
2. Simplified assembly method by guide plate
3. Steady cable assembly procedure
4. AWG24-27, stranded PIMP cable is applicable
5. IDC and clamping process can be implemented by same specific tool



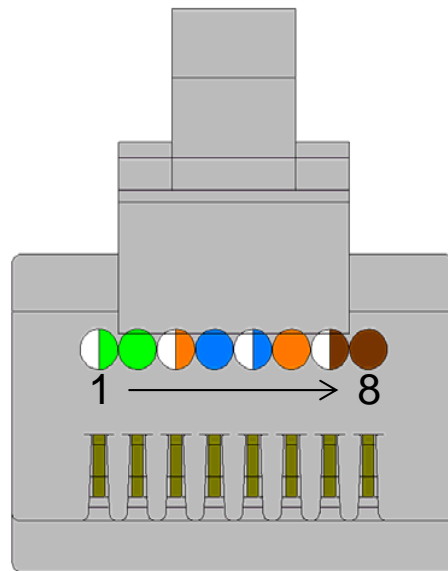
# Plug : TM31P-TM-88P



## Plug design satisfying CAT6a requirements

### 1) Unique contact arrangement

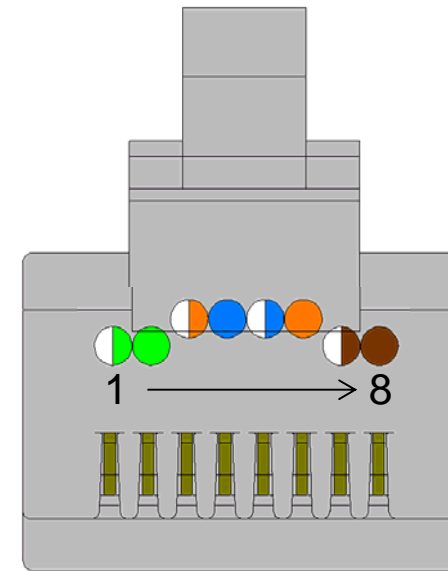
CAT6 Plug (TM21DP-TM-88P)



Limited performance due to the contact arrangement in a single row

Improved Transmission Characteristics

CAT6a Plug (TM31P-TM-88P)



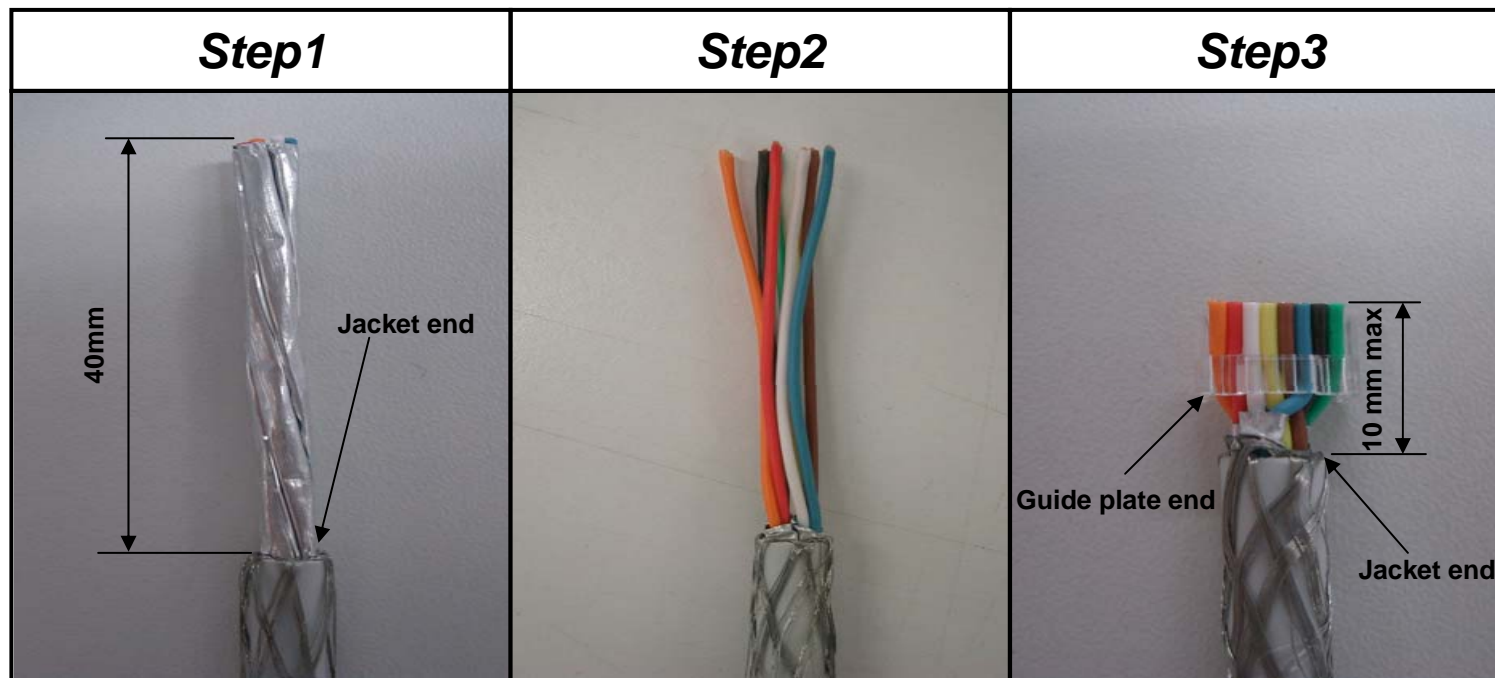
The contact arrangement in two rows makes performance improved (No3, 4, 5, 6 contacts are isolated from No1, 2, 7, 8 contacts)

# Plug : TM31P-TM-88P



Cable assembly method to have CAT6a performance

Plug design makes it possible for users to lengthen jacket end and have steady CAT6a performance.

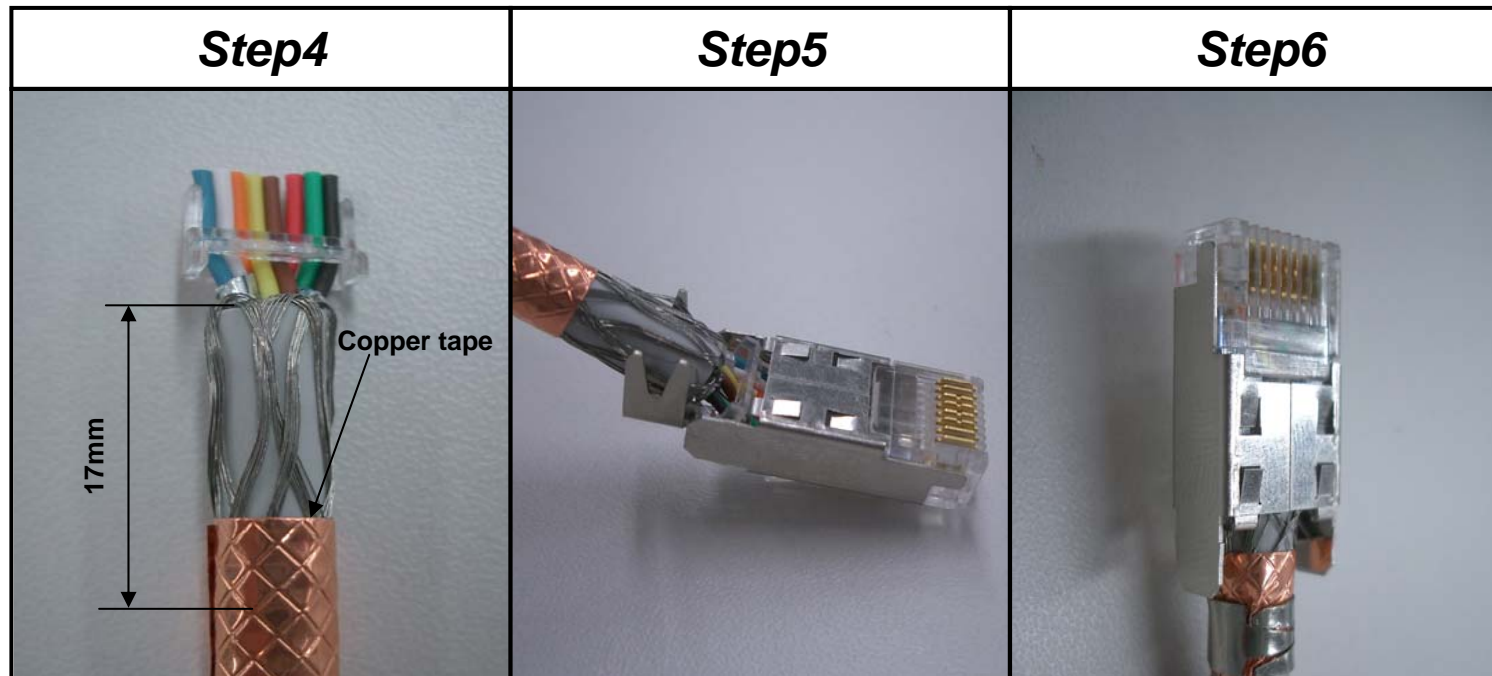


# Plug : TM31P-TM-88P



Cable assembly method to have CAT6a performance

Plug design makes it possible for users to lengthen jacket end and have steady CAT6a performance.



## Plug : TM31P-TM-88P

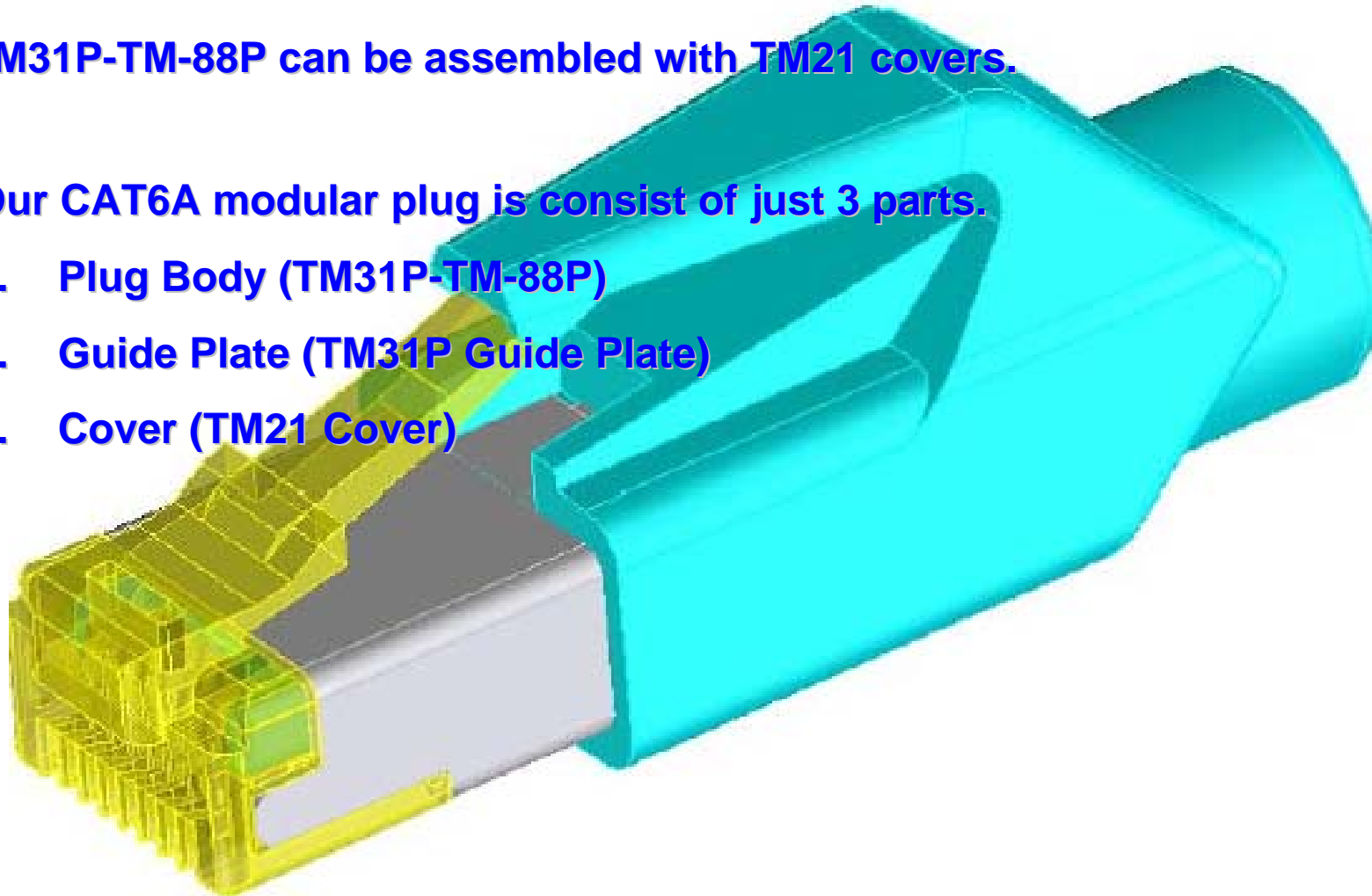


Outer Appearance of TM31P-TM-88P with cover

TM31P-TM-88P can be assembled with TM21 covers.

Our CAT6A modular plug is consist of just 3 parts.

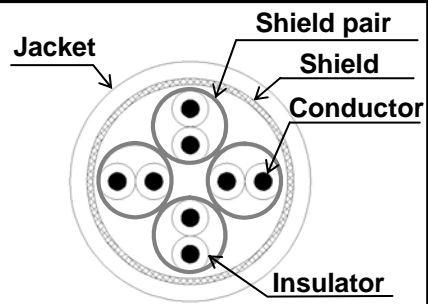
1. Plug Body (TM31P-TM-88P)
2. Guide Plate (TM31P Guide Plate)
3. Cover (TM21 Cover)



# Plug : TM31P-TM-88P



## Applicable Cable

	<b>Conductor</b>	<b>AWG 24 stranded wire</b>
		<b>AWG 27 stranded wire</b>
	<b>O/D of Insulator</b>	$\phi$ 0.9 to $\phi$ 1.0
	<b>O/D of Jacket</b>	$\phi$ 5.8 to $\phi$ 6.0

## Cable Assembly Tool

Cable Assembly Tool of TM21DP-TM-88P  
can be also used for TM31P-TM-88P



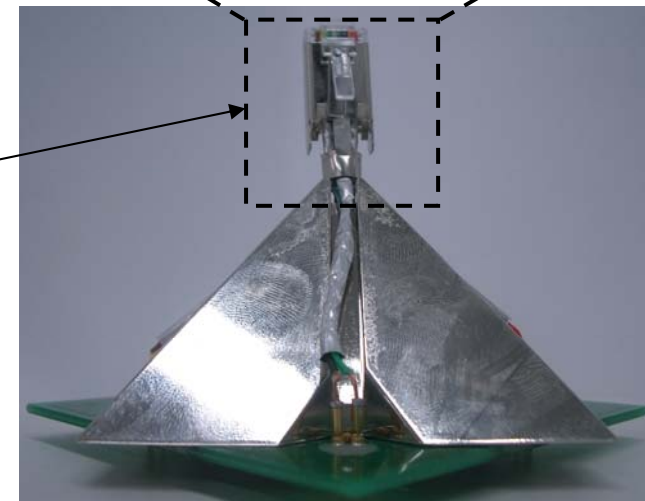
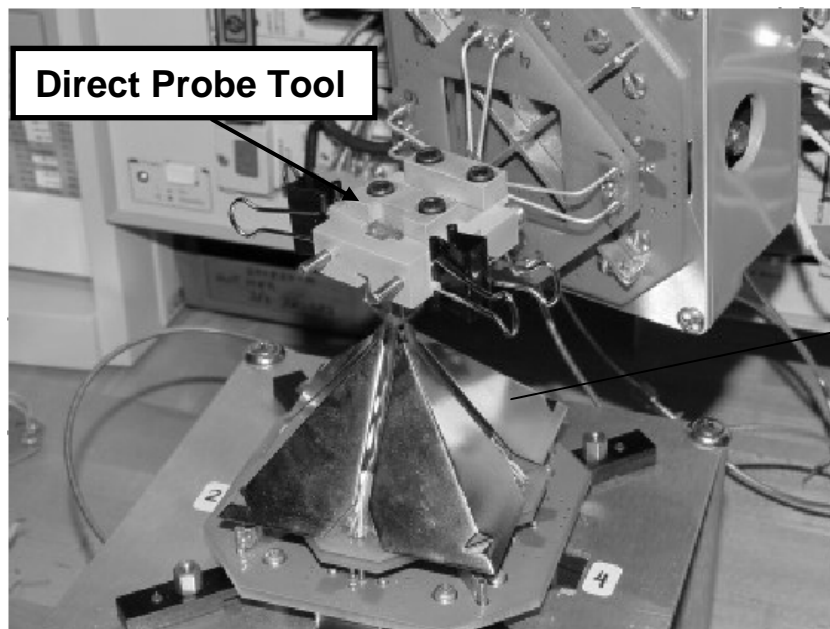
# Plug : TM31P-TM-88P



CAT6a Performance Measurement : Plug single TM31P Model sample

Measurement Method : Direct Probe Method  
Measurement Equipment : Network Analyzer  
(Agilent E8357A)

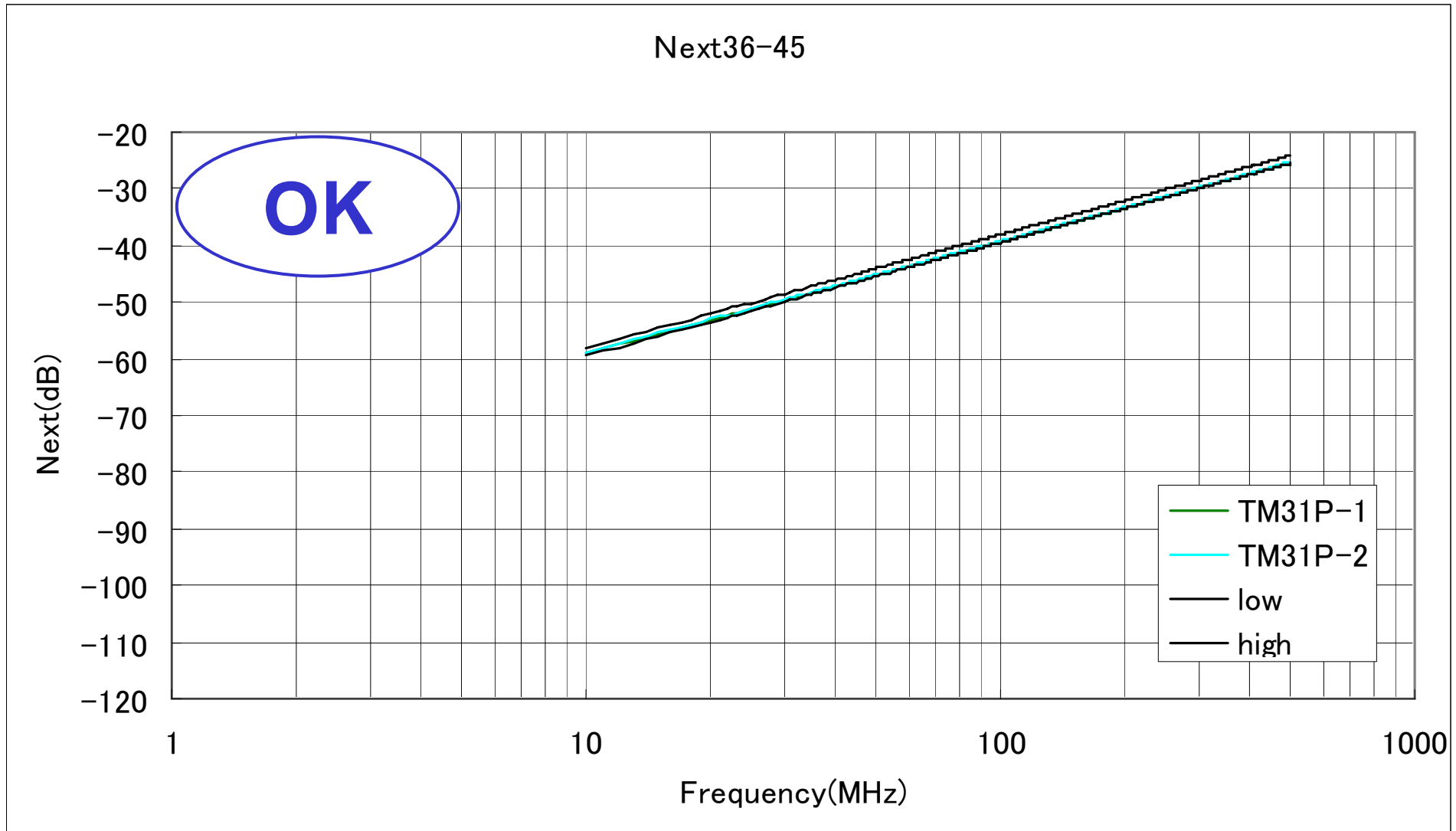
Frequency : 10~500MHz



# Plug : TM31P-TM-88P



## NEXT36-45

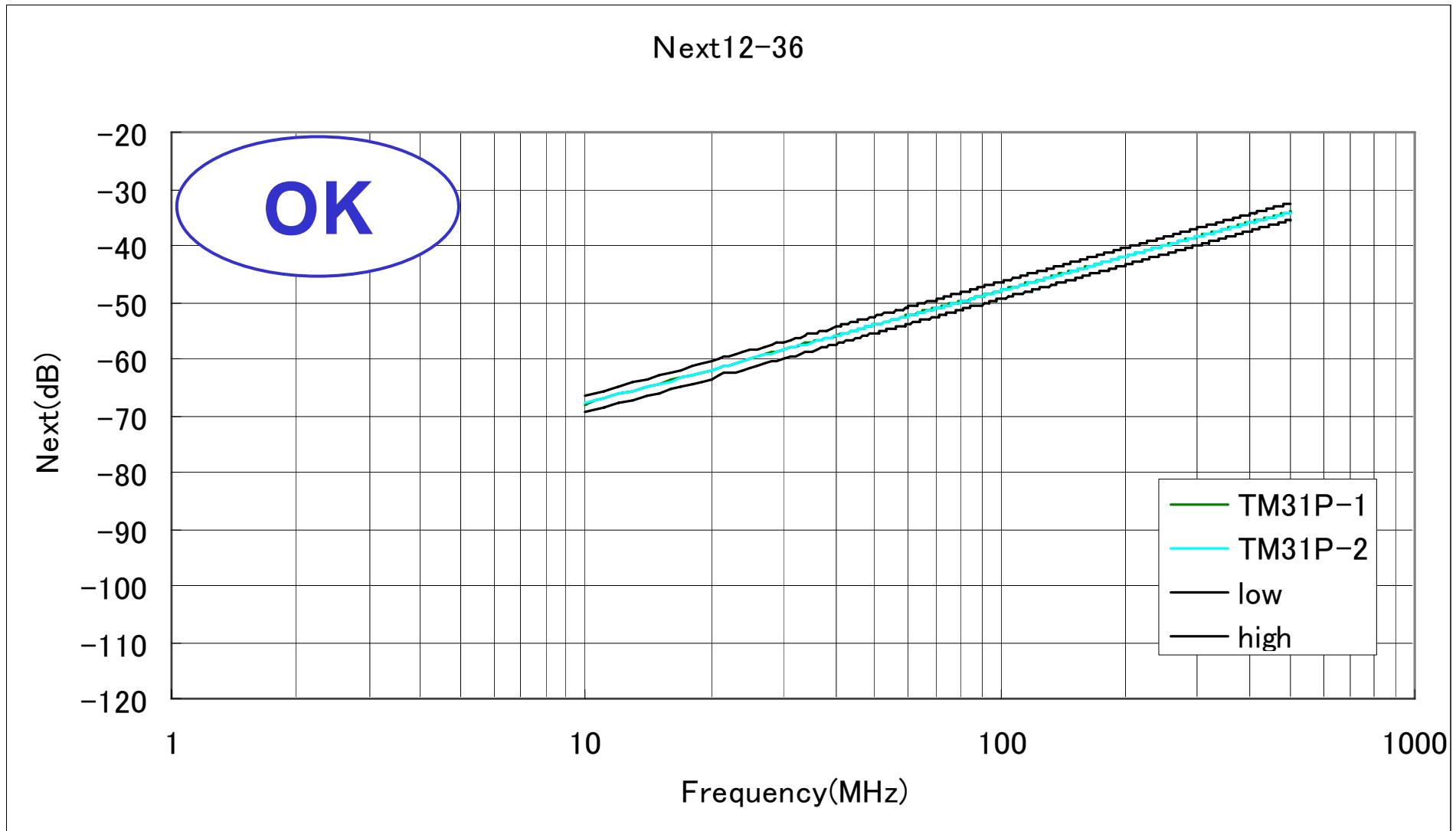




# Plug : TM31P-TM-88P



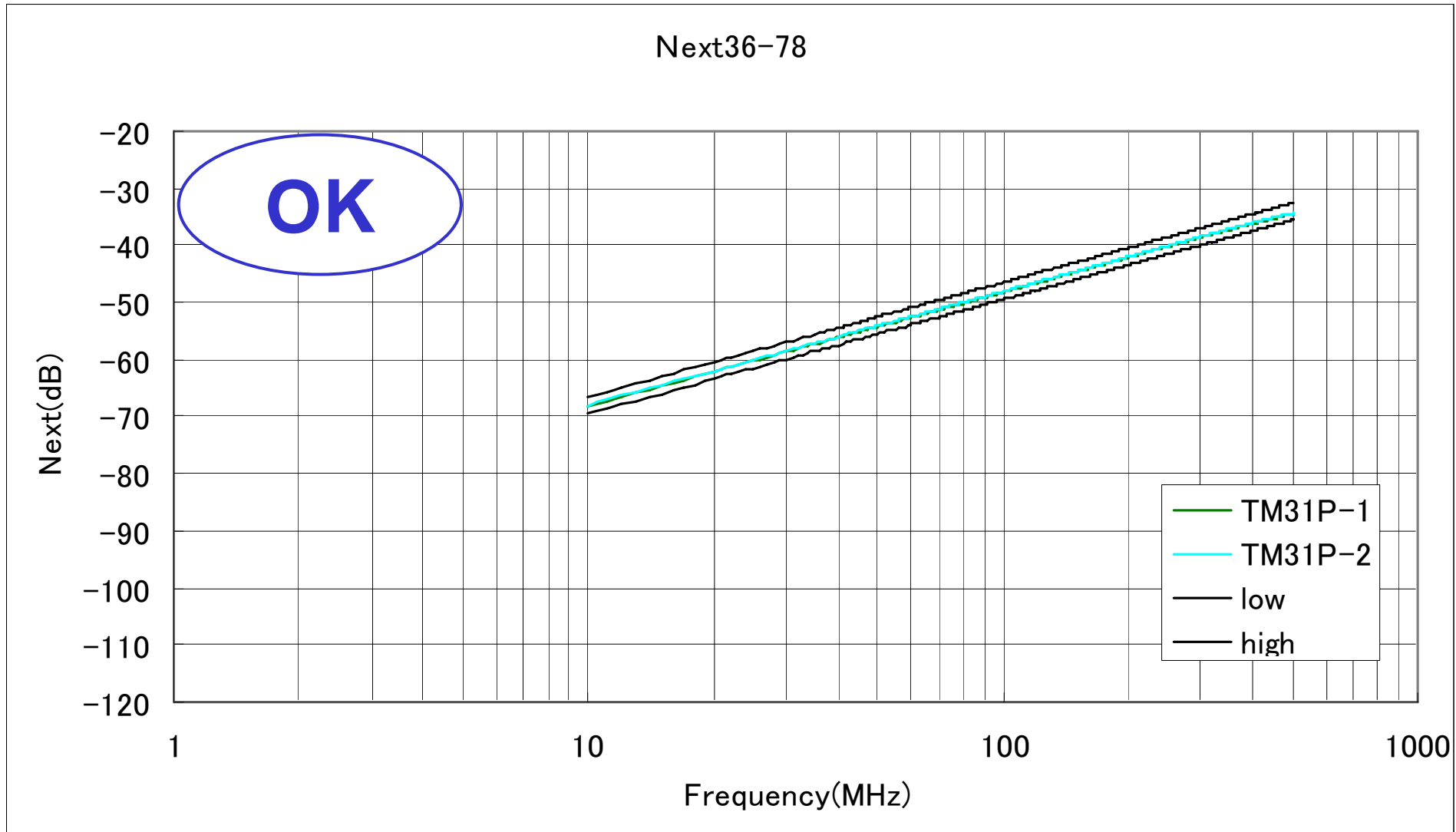
## NEXT12-36



# Plug : TM31P-TM-88P



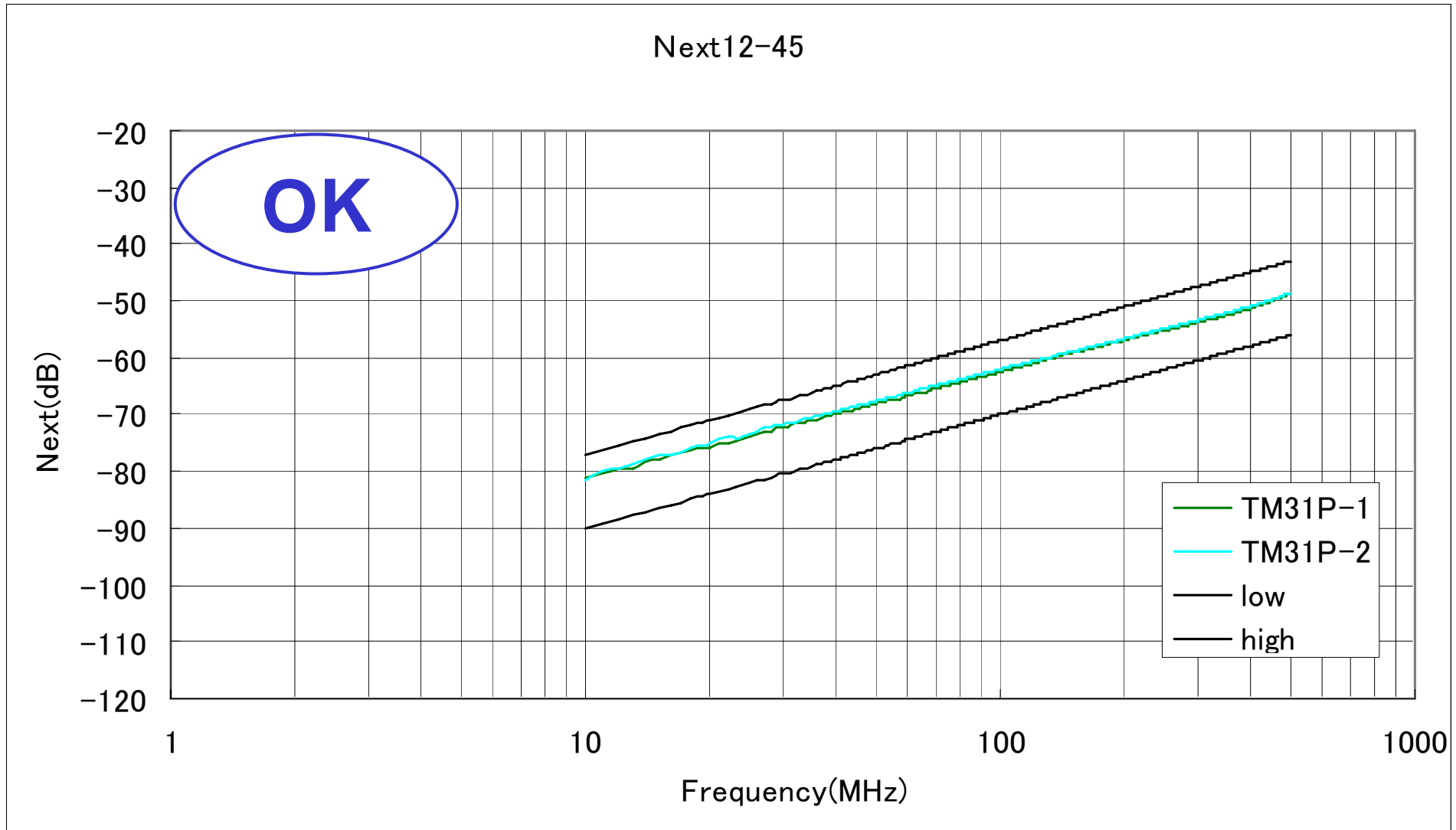
## NEXT36-78



# Plug : TM31P-TM-88P



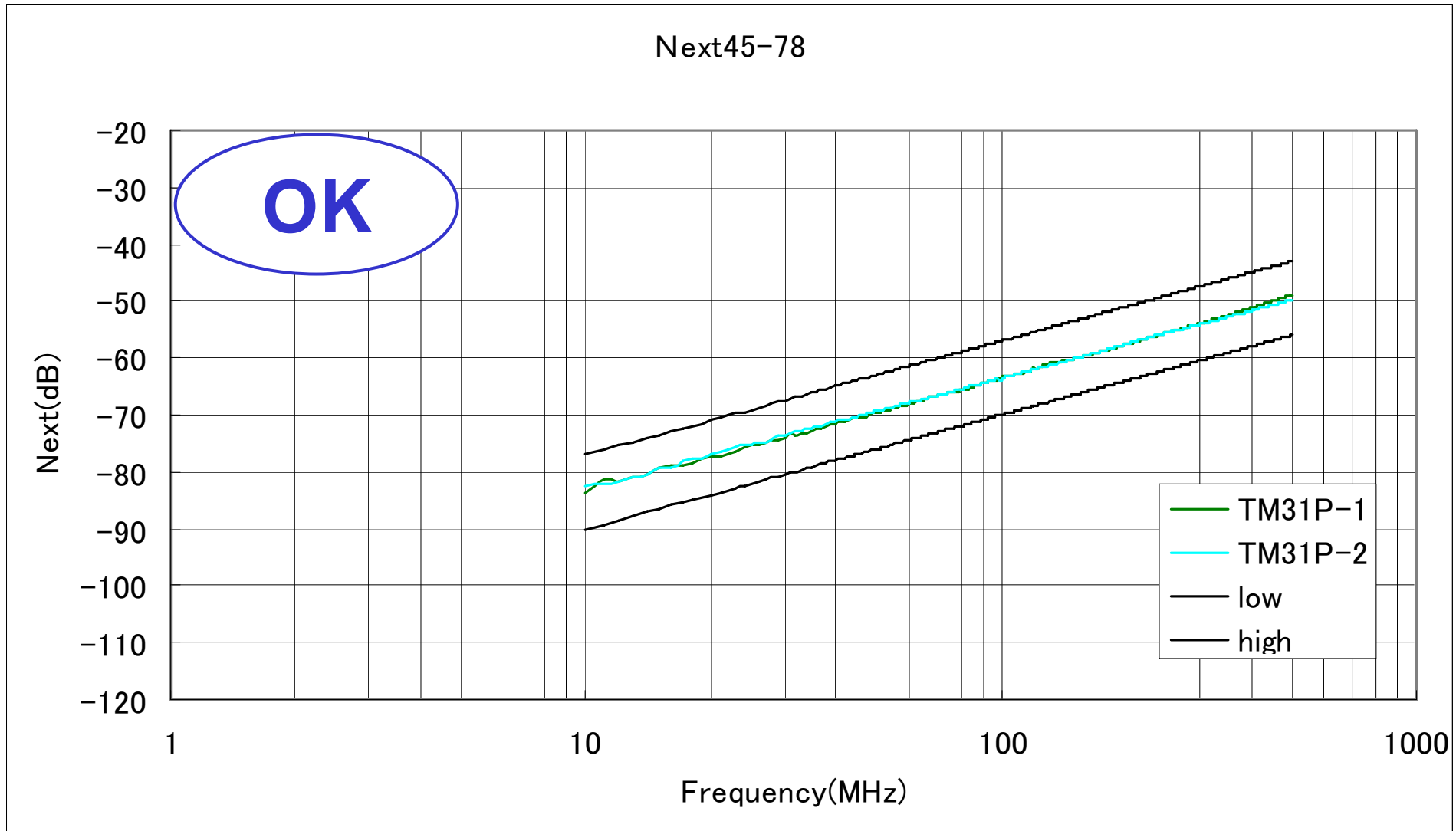
## NEXT12-45



# Plug : TM31P-TM-88P



## NEXT45-78



# Plug : TM31P-TM-88P



## NEXT12-78

