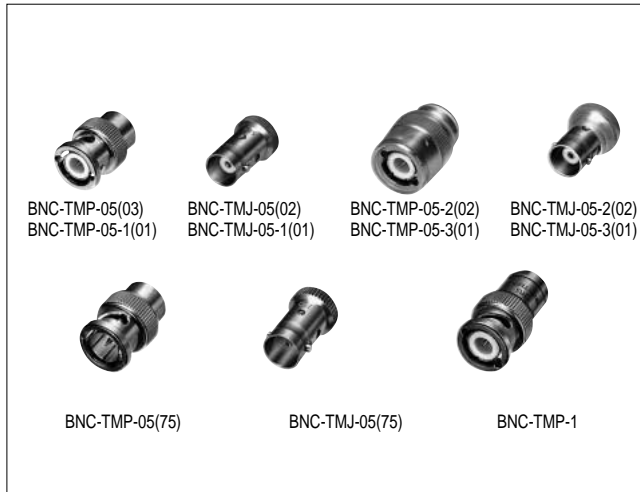


Non-reflective Terminators (BNC)

BNC-TM Series



■ Features

1. High Performance

These wide bandwidth/ultra high matching non-reflective terminators use Hirose Electric original high frequency matching technology.

2. Full Assortment of 50Ω and 75Ω Types

In addition to the 50Ω impedance type, plugs and jacks are available in a 75Ω type.

■ Product Specifications

Rating	Frequency range (NOTE) Characteristic impedance Maximum usable power (NOTE)	DC to 3.0 GHz 50Ω, 75Ω 0.5 to 1 W	Operating temperature range Operating relative humidity	-10°C to +65°C 95% or less
--------	---	---	--	-------------------------------

NOTE: The frequency range and the maximum usable power will differ depending on the model.

Item	Standard	Conditions
· 1. Vibration resistance	· No electrical disconnections of 1 μs or greater · No damage, cracks, or parts looseness	· Frequency of 10 to 2000 Hz, overall amplitude of 1.52 mm, · 98 m/s ² acceleration, in 3 axial directions, 2 hours each
· 2. Shock resistance	· No electrical disconnections of 1 μs or greater · No damage, cracks, or parts looseness	· 490 m/s ² acceleration, half sine wave, in 3 axial directions, 3 times each
· 3. Temperature cycle	· No damage, cracks, or parts looseness	· (-55°C: 30 min. → 5 to 35°C: Within 15 min. · → 80°C: 30 min. → 5 to 35°C: Within 15 min.) for 200 cycles

● The test method conforms to MIL-STD-202.

● Please see the specification items for details concerning the VSWR.

■ Materials

Part	Material	Processing
External cladding	Brass	Nickel plating
Insulation	Teflon	—
Male contacts	Brass	Gold plating
Female contacts	Beryllium copper	Gold plating
Resistor	Metal film	—
Cover	PVC resin	—

■ Product Number Breakdown

BNC - TM P - 05 - 1
 ① ② ③ ④ ⑤

① Connector type: BNC Series	④ Power (Example) : 05: 0.5 W 1 : 1 W
② TM: Indicates a non-reflective terminator.	
③ Connector form P: Plug type J: Jack type	⑤ Suffix

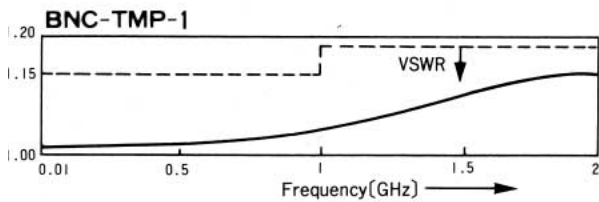
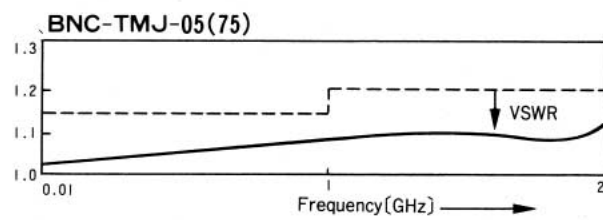
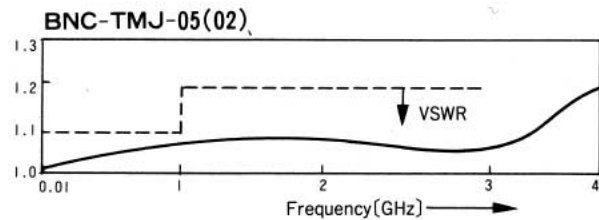
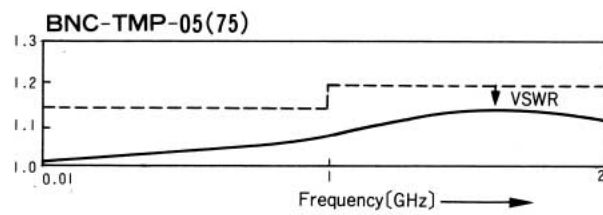
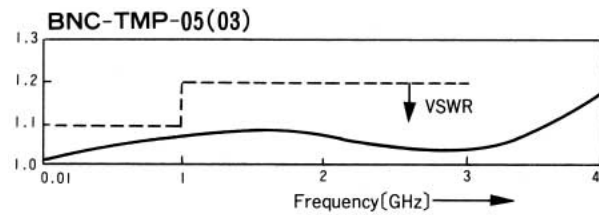
■ Specifications

Model No.	(GHz) Frequency Range	V.S.W.R. (Max)	(W) Power	(Ω) Impedance	Direct Current Resistance	Connectors	(g) Weight
BNC-TMP-05(03)	DC~1	1.10	0.5	50	50±0.5	BNC-P	15
BNC-TMJ-05-1(02)	1~3	1.20	0.5	50	50±0.5	BNC-J	10
BNC-TMP-05-1(01)	DC~0.1	1.10	0.5	50	50±0.5	BNC-P	15
BNC-TMJ-05-1(01)			0.5	50	50±0.5	BNC-J	10
BNC-TMP-05-2(02)	DC~1	1.10	0.5	50	50±0.5	BNC-P	16
BNC-TMJ-05-2(02)	1~3	1.20	0.5	50	50±0.5	BNC-J	11
BNC-TMP-05-3(01)	DC~0.1	1.10	0.5	50	50±0.5	BNC-P	16
BNC-TMJ-05-3(01)			0.5	50	50±0.5	BNC-J	11
BNC-TMP-05(75)	DC~0.5	1.15	0.5	75	75±2.25	BNC-P(75)	14
BNC-TMJ-05(75)	0.5~2	1.20	0.5	75	75±2.25	BNC-J(75)	9
BNC-TMP-1	DC~1 1~2	1.15 1.20	1	50	50±2	BNC-P	16

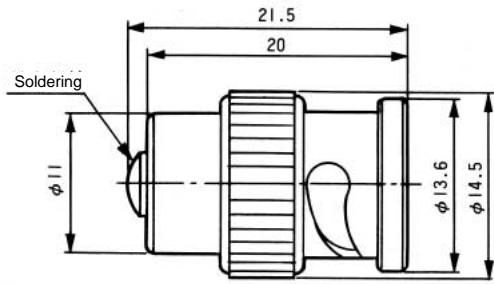
※1
※1
※2
※2
※1
※2
※1
※2

※1 Low-cost items with DC to 100 MHz bandwidth limit.
※2 Cover fitting type

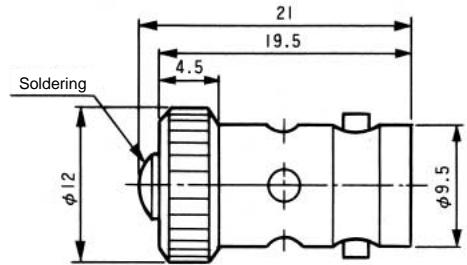
■ V.S.W.R. Data



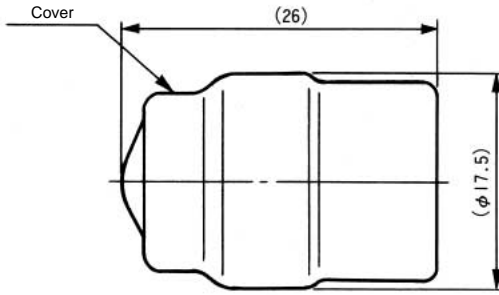
External Dimensions



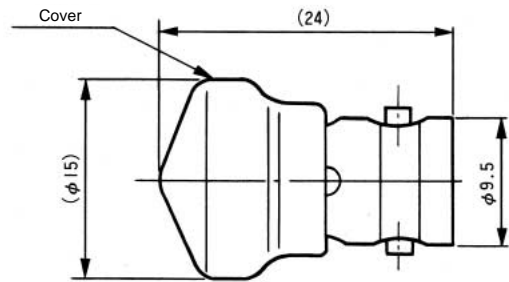
BNC-TMP-05(03)
BNC-TMP-05-1(01)
BNC-TMP-05(75)



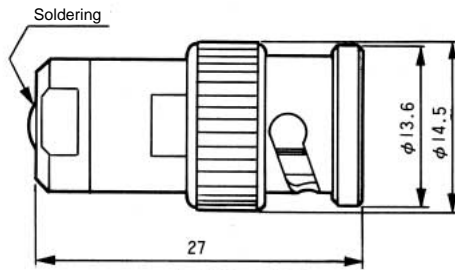
BNC-TMJ-05(02)
BNC-TMJ-05-1(01)
BNC-TMJ-05(75)



BNC-TMP-05-2(02)
BNC-TMP-05-3(01)



BNC-TMJ-05-2(02)
BNC-TMJ-05-3(01)



BNC-TMP-1

※BNC-TMP/TMJ-05 Series have a 50Ω or 75Ω indication for each characteristic impedance.