

# Feed-through Non-reflecting Terminators

## MR Series



MR-201

### ■ Features

#### 1.High Performance

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

#### 2.Feed-through Terminators

These terminators are intended for measurements of 50Ω products using a synchroscope.

### ■ Product Specifications

Rating	Frequency range	DC to 0.5 GHz	Operating temperature range	-10°C to +65°C
	Characteristic impedance	50Ω		
	Maximum usable power	0.5 W		
	Resistance value	50±1Ω		

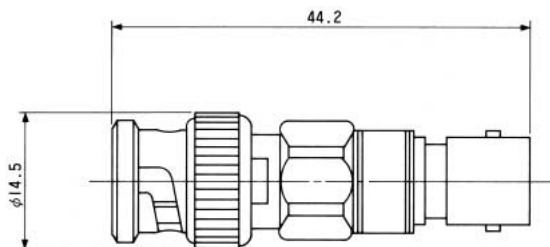
Item	Standard	Conditions
1.VSWR (Reference)	1.1 max. 1.2 max.	DC to 100 MHz 100 MHz to 500 MHz
2.Vibration resistance	No electrical disconnections of 1μs or greater No damage, cracks, or parts looseness	Frequency of 10 to 2000 Hz, overall amplitude of 1.52 mm, 98 m/s <sup>2</sup> acceleration, in 3 axial directions, 2 hours each
3.Shock resistance	No electrical disconnections of 1μs or greater No damage, cracks, or parts looseness	490 m/s <sup>2</sup> acceleration, half sine wave, in 3 axial directions, 3 times each
4.Temperature cycle	No damage, cracks, or parts looseness	(-55°C: 30 min. → 5 to 35°C: Within 15 min. → 85°C: 30 min. → 5 to 35°C: Within 15 min.) for 200 cycles

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

### ■ Materials

Part	Material	Processing
External cladding	Brass	Nickel plating
Insulation	Teflon	—
Male contacts	Brass	Gold plating
Female contacts	Beryllium copper	Gold plating
Attenuation element	Metal film	—

### ■ External Dimensions



### ■ V.S.W.R. Data

(With output end open)

