

PRODUCT OVERVIEW

The DX WAVE SZL-5W-06-N-M is a 50 Ω RF termination designed for impedance matching and RF power dissipation in radio frequency systems.

The device is capable of handling RF power up to 5 watts and is intended for terminating unused RF ports in communication systems, measurement equipment, power dividers, combiners, amplifiers, antenna systems, and other RF devices.

Featuring a standard N-type Male interface, the termination provides excellent compatibility with a wide range of professional telecommunication, laboratory, and RF measurement equipment.

KEY FEATURES

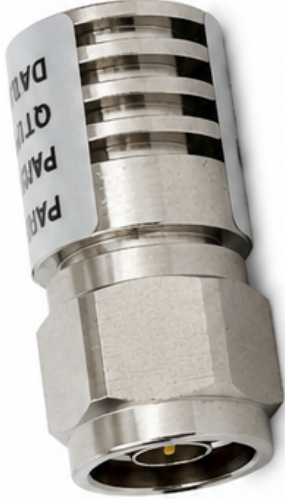
- ✓ Frequency range: DC to 6 GHz
- ✓ Power handling up to 5 W
- ✓ Low VSWR ≤ 1.20
- ✓ 50 Ω characteristic impedance
- ✓ Standard N-type Male connector
- ✓ Operating temperature from -55°C to +125°C
- ✓ Suitable for professional RF and telecommunication systems

ORDERING INFORMATION

Part Number	Description
SZL-5W-06-N-M	RF Load / Termination, 5 W, DC-6 GHz, 50 Ω, N-type Male

NOTICE

Specifications are subject to change without notice.
Dimensions are for reference only.



APPLICATIONS

- Telecommunication equipment
- Cellular base stations
- RF measurement systems
- Antenna feed networks
- Signal amplifiers
- Power dividers
- Power combiners
- Laboratory equipment
- RF testing and calibration systems

ELECTRICAL SPECIFICATIONS

Parameter	Specification
Power Rating	5 W
Frequency Range	DC - 6 GHz
VSWR	≤ 1.20
Impedance	50 Ω
RF Connector	N-type Male

ENVIRONMENTAL SPECIFICATIONS

Parameter	Specification
Operating Temperature	-55°C to +125°C

MECHANICAL SPECIFICATIONS

Parameter	Value
Length	38.1 mm
Maximum Diameter	Ø20 mm

Dimensions are based on the mechanical drawing and are provided for reference only.

MECHANICAL DRAWING

38.1

Ø20

Unit: mm