

ZDL series Dummy loads

N-type male or 7/16" DIN male terminated

DC to maximum 6 GHz



In-stock
Ready to
Ship
* Signifies build to
order item

The purpose of a dummy load (also known as a termination load) is to absorb energy and convert it into heat. The dummy loads takes the place of an antenna during transmitter testing and adjustment.

Other applications where dummy loads are used include, hybrid couplers, isolators, circulators, system testing, calibration and filtering and multicoupling.

Filters, combiners, hybrid couplers, antennas and other installation accessories are all available separately.

SKU	ZDL-NM1-R*	ZDL-NM2-R	ZDL-NM5-R	ZDL-NM30-R	ZDL-NM50-R	ZDL-NM60-R	ZDL-SM1-R
Construction	Tri-metal plated	Black passivated aluminium heatsink and nickel or tri-metal plated termination					
Heatsink size	-		Medium		Large		
Maximum power	1 Watt	2 Watts	5 Watts	30 Watts	50 Watts	60 Watts	1 Watt
Connector	N-type male						SMA male
Frequency	DC~3 GHz	DC~ 6 GHz	DC~3 GHz				
VSWR	<1.2:1						<1.4:1
Impedance	50 Ohms						
Operating temperature	-40°C to +85°C						
Storage temperature	-40°C to +80°C						
Dimensions	Length: 30mm Dia: 19mm	Length: 36mm Dia: 15mm	Length: 30mm Dia: 20mm	Length: 93mm Dia: 48mm	Length: 105mm Dia: 50mm	Length: 98mm Dia: 51mm	Length: 15mm Dia: 7mm
Weight	30grams	40grams		350grams	400grams		10grams
Waterproof rating	-	IP66	-				



ZDL-NM1-R



ZDL-NM2-R



ZDL-NM5-R



ZDL-NM30-R



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ZDL-NM60-R



ZDL-SM1-R

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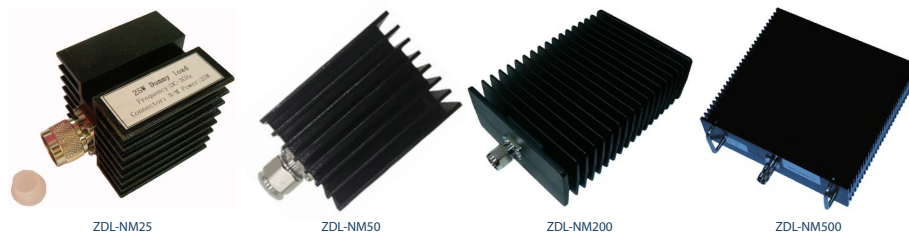
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SKU	ZDL-NM25	ZDL-NM50	ZDL-NM200	ZDL-NM500
Construction	Black passivated aluminium heatsink and nickel or tri-metal plated termination			
Heatsink size	Medium		Large	
Maximum power	25 Watts	50 Watts	200 Watts	500 Watts
Connector	N-type male			
Frequency	DC~3 GHz			
VSWR	<1.2:1		<1.25:1	<1.4:1
Impedance	50 Ohms			
Operating temperature	-40°C to +85°C		-55°C to +125°C	-55°C to +125°C
Storage temperature	-40°C to +80°C		-60°C to +135°C	-60°C to +135°C
Dimensions	Length: 83mm Width: 60mm Height: 61mm	Length: 78mm Width: 50mm Height: 60mm	Length: 226mm Width: 142mm Height: 64mm	Length: 420mm Width: 132mm Height: 140mm
Weight	300grams	400grams	1.85kg	9.3kg
Waterproof rating	-	-	IP66	



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SKU	ZDL-DINM30-R*	ZDL-DINM50-R*	ZDL-DINM100W*
Construction	Black passivated aluminium heatsink and chrome plated termination		
Heatsink size	Small	Large	
Maximum power	30 Watts	50 Watts	100 Watts
Connector	7/16" DIN male		
Frequency range	DC to 3 GHz		
VSWR	<1.2:1		
Impedance	50 Ohms		
Operating temperature	-40°C to +85°C		
Storage temperature	-40°C to +85°C		
Dimensions	Length: 36mm Diameter: 20mm	Length: 83mm Width: 60mm Height: 61mm	Length: 124mm Width: 60mm Height: 60mm
Weight	40grams	300grams	400grams
Waterproof rating	-	-	-



ZDL-DINM30-R



ZDL-DINM50-R



ZDL-DINM100