

NMC-WO2UE2-WT

NIKOMAX Surface mounting outlets, Unshielded, 2 ports, Cat.6



Surface Mounting boxes are a part of SCS horizontal subsystems. They designed for connection of terminal equipment on the workplaces. Structurally, the outlet can be made in two versions: as a complete solution with build-in PCB with IDC and RJ45 ports and as a universal mounting box with a set of separately installed Keystone jacks. Surface Mount Box with build-in PCB are less versatile, but more affordable solution.

NIKOMAX wall outlets are made in strict design cases with durable plastic. They are supplied as a complete, ready to use solution.

SMBs with build-in PCB are supplied in shielded and unshielded versions, categories 5e and 6 and can offer a good transmition characteristics. Contacts in the RJ45 sockets protected with 50 microinch gold plating. Flush contacts (IDC) compatible with both types of knives (110 & KRONE), making them easy for install with punch down tool.

The Surface Mounting Boxes housing provides additional break out windows, allowing to bring the cables from any side. All covers are supplied with paper labels and additional colored icons for marking and administrative convenience.

Ordering Table

P/N	Category	Number of	Individual Package		Collective Package			Freight Package		
		ports	Volume, m3	Mass, kg	Quantity	Dimensions, mm	Weight, kg	Quantity	Dimensions, mm	Weight, kg
NMC-WO2L	JE6	2	0.00013	0.06	30 pcs.	190x160x280	1.9	180 pcs.	585x280x345	12.3



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Detailed characteristics

Category 6 Bandwidth, MHz 25 Type Unshielded Compliance ISO/IEC 11801, EN 50173 and ANSI/TIA-568-C.2 Supported applications 10BASE-T, 100BASE-TX, 100BASE-TA, 100BASE-T, ATM-25, ATM-51, ATM-155, 100VG-AnyLan, TR-4, TR-16 Active, TR-16 Passive Temperature ranges Storage -40 to +70°C. Installation from 0 to +50°C. Operating from -10 to +60°C Individual packing Plastic bag Warranty Extended -5 years. 25 years - as part of the NIKOMAX structured cabling systems. Connector type RJ45/8PBC Contact coating material in connector Phosphor bronze Contact coating material Gold (50 micro-inch) Nickel (100 micro-inch) Number of cable connections Not less than 750 times Layout diagram T568A/B IDC contact material Phosphor bronze IDC contact material Tin (100 micro-inch) Installation Wall Installation resistance Not less than 500 megohms (at constant voltage of 100 V) Maximum load-bearing capacity Up to 1000 V, 60 Hz for 1 minute Contact resistance, μΩ No more than 2.5 M ohms Permissible diameter of conductors	Characteristic	Value
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Contact resistance, $\mu\Omega$ No more than 20 M ohms IDC Contact resistance, $\mu\Omega$ No more than 2.5 M ohms Permissible diameter of conductors ~24-22 AWG (0.50-0.65 mm) Keystone Jack Dimensions (WxHxD), mm 66x70x30 Number of ports 2 Type of IDC contacts (seal) 110 / KRONE Socket housing material High strength, non-flammble, meets UL94V-0	Insulation resistance	Not less than 500 megohms (at constant voltage of 100 V)
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Type of IDC contacts (seal) Socket housing material 110 / KRONE High strength, non-flammble, meets UL94V-0	Dimensions (WxHxD), mm	66x70x30
Socket housing material High strength, non-flammble, meets UL94V-0	Number of ports	2
	Type of IDC contacts (seal)	110 / KRONE
Color of the case White	Socket housing material	High strength, non-flammble, meets UL94V-0
	Color of the case	White