

# SUMMIT TELECOM

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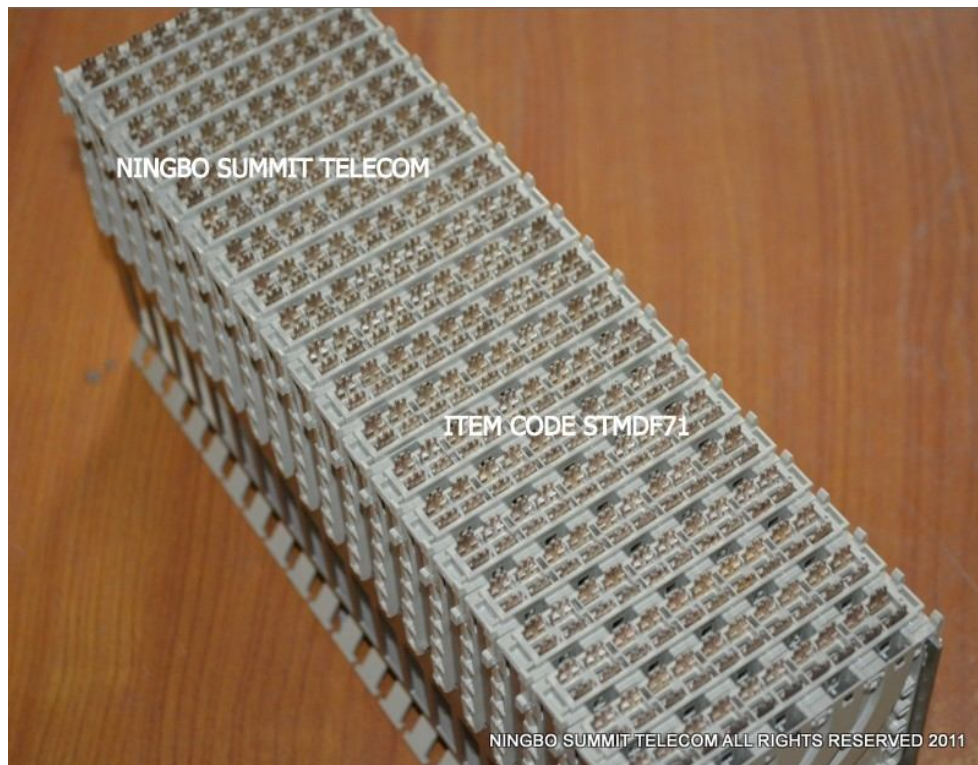
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## Disconnection Module

Item Code: ST MDF71

### MDF71 100 Pair Terminal Block



We are China leading manufacturer provides MDF71 Terminal Block, Krone Series Module, FT Module, High Band Module, Earth Module and so on.

#### Features:

- 100 pair main distribution frame in Krone connectivity system.
- Vertical type and horizontal type available.
- 5 pair protection magazine (ST MDF-PM) could be installed for overvoltage protection.
- Other capacity available.

#### Technical Specification

Copper conductor diameter		0.40-0.80mm AWG 26-20
No. of wires that can be connected per contact slot		2 max
<b>No. of times connection can be inserted</b>		
● Connection with stranded cable of solid wire, 0.40~1.65mm		200
● Connection with solid conductors, 0.8mm		50
<b>Electrical Data</b>		
Voltage	Proof	3.6 KV (1.2/50 $\mu$ s pulse)
	Dielectric strength	2.0 KV rms
Current	Surge	10KA (wave 8/20 $\mu$ s)
	Continuous	Equal to terminated conductor rating
Resistance	Insulation	$\cong 5 \times 10^4 M\Omega$
	Termination typical	<1m $\Omega$
	guaranteed	$\cong 7m\Omega$
Capacitance	Adjacent contacts	<1PF
<b>Transmission Data</b>		
Crosstalk attenuation <frequency		Cross talk
300Hz to 3400 Hz		$\cong 110dB$
3.4KHz to 10 KHz		$\cong 100dB$
10KHz to 1.2 MHz		$\cong 60dB$
1MHz		$\cong 50dB$
10MHz		$\cong 35dB$
20MHz		$\cong 30.5dB$
Insertion loss		$\cong 0.1dB$
Bit error rate (50mV signal)		
8.448 Mbit (PCM 120)		$\cong 7$
2.048 Mbit (PCM 30)		0
140 kbit		0
64 kbit		0
<b>Mechanical Data</b>		
Termination type		Insulation displacement, dry gas tight
Wire insertion force		40-75 newtons
Wire pull out force		10.5 newtons
wire retention force		70% of wire breaking force
<b>Material</b>		
Plastic components		PBT UL94V-0
Contact material		Phosphor bronze
Plating		Silver plating

<b>Environmental</b>		
Temperature range storage		-40~+90°C
Temperature range operational		-20~+80°C
humidity		95%

**5 Pair Protection Magazine For MDF71**  
**Item Code:STMDF-PM**

