

Features

- Modular Patchpanel for use in the construction of shielded and unshielded 8-wire LAN Cabling Systems meeting the requirements of Category 6 according to ISO/IEC 11801:2002 and EN 50173-1:2002 as well as TIA/EIA 568-B
- 19"/1U Patchpanel with metal mounting frame and Plastic front-plate
- 2-level labelling possible
- Laser-trimmed KM8 Jacks for maximum performance reserves
- Available as shielded (STP) or unshielded (UTP) 16 Port, 24 Port or 32 Port Version
- Exceeds the requirements of Category 6
- Cable management for defined cable guiding with 360° shield contact
- Simple and quick installation through the modular construction of the panel
- Inclusive earthing kit and 19" fixing materials
- Attractive design



Electrical Values

Insulation resistance	≥ 500 MOhm	(IEC 512-2-3a)
Dielectric strength	Contact/Contact	1.0 kV
	Contact/Shield	1.5 kV

Contact Properties

Typ. Contact resistance	≤ 20 mOhm	(EN 60603-7)
Current load	≥ 1A	(EN60905)
		(DIN EN 60603-7)
Insertioncycle	≥ 750	(IEC 512-2-13b)

Mechanical Values

Shield connection	Patented 360° shield	
Conductor diameter	0.5-0.65 mm	(AWG 22-24)
Insulation diameter	1.05-1.6 mm	
Retermination count for the LSA-PLUS contacts	≥ 200	
Insertion/Removal force	20 N	(EN 60603-7)

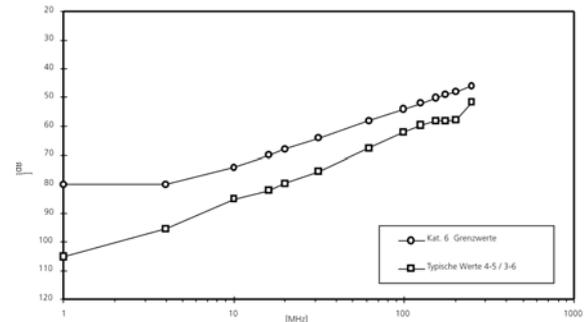
Test specification

Tested according to ISO/IEC 11801 : 2002-09,
ISO/IEC 603-7.

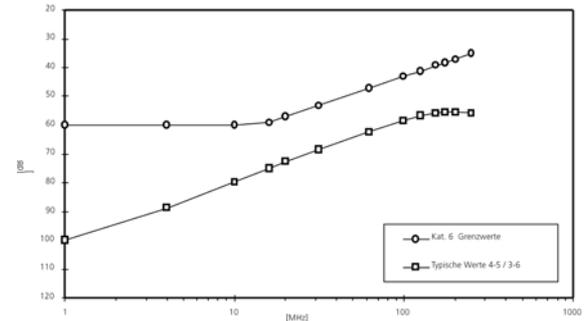
Climate conditions

Applications in dry rooms according to Climate Class 3.1
according to ETS 300 019-1-3 at an ambient temperature of
between +5° to +40°C.

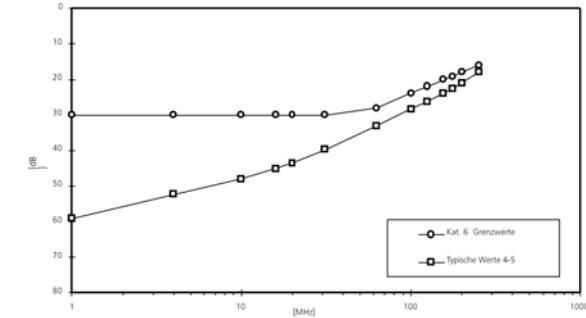
Properties of the KM8 Jack STP Near End Crosstalk (NEXT)



Far End Crosstalk (FEXT)



Return Loss



Ordering information

Order Number

Shipping unit

Shielded Patchpanel

KM8 RJ45 Modular Patchpanel II STP, 16 Ports	7022 1 055-16	1 Piece
KM8 RJ45 Modular Patchpanel II STP, 24 Ports	7022 1 055-24	1 Piece
KM8 RJ45 Modular Patchpanel II STP, 32 Ports	7022 1 055-32	1 Piece

Unshielded Patchpanel

KM8 RJ45 Modular Patchpanel II UTP, 16 Ports	7022 1 056-16	1 Piece
KM8 RJ45 Modular Patchpanel II UTP, 24 Ports	7022 1 056-24	1 Piece
KM8 RJ45 Modular Patchpanel II UTP, 32 Ports	7022 1 056-32	1 Piece

Unequipped Patchpanel

Modular Patchpanel II, unbestückt, 16 Ports	7022 2 155-16	1 Piece
Modular Patchpanel II, unbestückt, 24 Ports	7022 2 155-24	1 Piece
Modular Patchpanel II, unbestückt, 32 Ports	7022 2 155-32	1 Piece

KM8 Modular Jack fully shielded *

KM8 Modular Jack, fully shielded, black (RAL 9011)	6830 1 810-04	1 Piece
--	---------------	---------

KM8 Modular Jack unshielded *

KM8 Modular Jack, unshielded, black (RAL 9011)	6830 1 800-04	1 Piece
--	---------------	---------

Accessory

Blind plate for KM8 opening	7022 1 103-00	1 Piece
-----------------------------	---------------	---------

* KM8 Modular Jacks are available in 10 colours on request