

Data Sheet

RJ45 CAT.6 Hirose TM21 (ED-IE-AX-RJ-6)

Valid from: 13.09.2012

Description

Field mountable Industrial Ethernet Cat.6 connector in shielded RJ45 plug version with bend protection, antikink protection and cable management bar suitable for industrial applications, for structured cabling for office building applications, data centers and home networks.



Mechanical characteristics

Mating cycles Housing Standard color of anti-kink protection cover ≥ 750 Fold-up plastic hood with latch protector beige

General characteristics

Standards	RJ45 connector acc. to IEC 60603-7-51
Channel Class	Up to 250MHz (Class E)
Stranded wire diameter	AWG24/7, AWG26/7, AWG27/7
Solid wire diameter	Ø 0,5 mm
Cabel manager suitable for	arnothing 1,0 mm (core outer diameter)
Cable outer diameter	6,6 mm (maximum)
Temperature range	-25°C up to +60°C

Electrical characteristics

Contact resistance	230 m Ω max.
Isolation resistance	100 MΩ min.
Dielectric strength / Withstand Voltage	500 V AC / min.
Current carrying capacity	0,5 A
Maximum Voltage	125 V AC

Approvals

Standards

RoHS conform

General information

HIROSE is a registered trademark of HIROSE ELECTRIC Group

Other colors are available upon request

Photographs are not to scale and do not represent detailed images of the respective products!

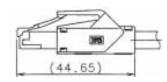
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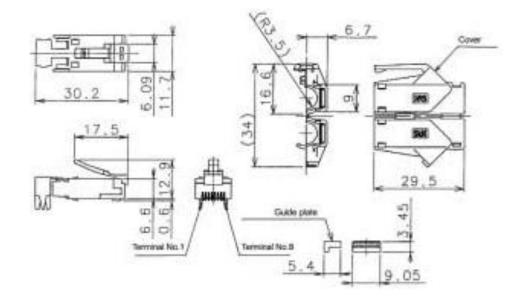


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Technical drawings and dimensions

The overall length [L] of the assembled connector is: 44,65 mm





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