

- Fulfill the specification of Cat. 6A acc. to IEC 60603-7-51
- Comply with the requirements of ISO/IEC 11801
- Strain relief function according EIA/TIA 568B.1-1
- Degree of protection IP65/67 acc. IEC 60529
- Protective housing acc. IEC 61076-3-106 variant 06
- Each patch cord is individual tested



Mechanical Data Protective housing IP65/67	Value	Standard
Housing material	PA	
Material O-ring	FPM	
Cable seal material	NBR	
Degree of protection	IP65/67	IEC 60529
Protective housing	Variant 06 Interbus	IEC 61076-3-106
Ambient temperature (operation)	-40 °C ... 70 °C	
In flammability class acc. to UL-94	V-0	
Mechanical Data Connector		
Plug tolerance and dimension	RJ45	IEC 60603-7
Ambient temperature (operation)	-10 °C ... 60 °C	
Technical Data Connector		
Housing material	PC (Polycarbonate)	
In flammability class acc. to UL-94	V-0	
Electrical Data Connector		
Number of wire	8	
Contact surface	1.2 µm gold	
Contact material	Bronze (CuSn6)	
Shield jacket material	Brass (CuZn) hot-dip galvanized	
Nominal current	1.75 A max. 20°C	
Nominal voltage	150 V _{eff} max.	
Dielectric withstanding voltage	1000 V _{eff} 1 min. (60Hz).	
Insulation resistance	500 MΩ min.	
Pollution degree	3	
Technical Data Cable		
Jacket material	PUR (Polyurethane)	
Colour	Green RAL 6018	
Ambient temperature (operation)	-20 °C ... 60 °C	
Cable jacket Ø	6.0 mm	
Wire Ø	AWG 26/7	
Wire insulation Ø	1.2 mm (Polyethylene)	
Wiring	In pairs AI – plating	
Cable screen	Copper braid, tinned (approx. 65% coverage)	
Bending radius	With load ≥ 50 mm Without load ≥ 25 mm	
In flammability class acc. to UL-94	IEC 60332-1	