

TECHNICAL DATA

Mechanical and electrical characteristics	
Interface connector	USB Connector per USB 2.0 specification
Locking mechanism	Bayonet socket connector per IEC 61076-3-106 or screw termination M28 thread
IP Degree of protection	IP67
Temperature range	Connector: -40°C to + 85°C / Patch cable: -40°C to +80°C
Current rating	1.5 A max. at 25°C
Voltage	100 VDC
Contact resistance	30 mΩ max.
Insulation resistance	500 mΩ
Electric strength contact to contact	500 VAC / 60 sec.
Electric strength contact to metal shell	1000 VAC / 60 sec.
Materials	
Housing	PBT (black), flame protection per UL 94-V0 or brass nickel plated
Fastening nut	Brass nickel plated
Shell sealing	Silicone (white)
USB Socket metal shell	SPCC nickel plated
USB Socket and plug connector plastic shell	PBT (white), flame protection per UL 94-V0
USB Socket and plug contacts	Phosphor bronze, gold plated
Connector housing	PBT (black), flame protection per UL 94-V0
Metal socket coupling ring	PBT (black), flame protection per UL 94-V0 or brass nickel plated
Cable termination	PA (black), flame protection per UL 94-V0 or brass nickel plated
Cable seal	NBR (black)
Interface seal	Silicone (white)
USB plug connector metal shell	Copper alloy, nickel plated
Protection cap	PBT (black), flame protection per UL 94-V0 or brass nickel plated
Seal	Silicone (red)
Protection cap	PE (black) or copper alloy nickel plated

Technical alterations are subject to change without notice.