## 4-1375055-BL | ECO SL110-6-BL-24



SL-Series Modular Jack, RJ45, Cat6 Unshielded, Blue (24 ea/pkg)

### Product Classification

PortolioNETCONNECTProduct TypeModular jackProduct SeriesSt SeriesCeneral Specifications6Cabe TypeUnshieldedColorBlueConductor TypeSolid   StrandedMoutingSt Series faceplates and panelsOutet FeatureNoneOutet TypeSt Series faceplates and panelsOutet TypeSt Series faceplates and panelsOuter TypeSt Series faceplates and panelsOuter TypeSt Series faceplates and panelsTermination TypeSt Series faceplates and panelsTermination TypeDCTransmission StandardsNIN/TIA-568.2-D   ISO/IEC 11801 Class EWingT568A   T568BDimensionsSt Series faceplates in a series in a serie	Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America
Product SeriesSL SeriesGeneral Specifications6ANSI/TIA Category6Cable TypeUnshieldedColorBlueConductor TypeSolid   StrandedIntegrated Dust Cover TypeNoneMountingSL Series faceplates and panelsOutlet FeatureNoneOutlet TypeStandardTermination Punchdowns, minimumSU Series faceplates and panelsTermination ToolSL Termination toolTermination TypeIDCTransmission StandardsANSI/TIA-568.2-D   ISO/IEC 11801 Class EDimensionsT668A   T568BDimensions14.78 x20.07 mm (0.58 x0.79 in)Height16.13 mm   0.63 inHeight14.48 mm   0.57 in	Portfolio	NETCONNECT®
Ceneral SpecificationsANSI/TIA Category6ADSI/TIA CategoryUnshieldedCable TypeUnshieldedColorBlueConductor TypeSolid   StrandedIntegrated Dust Cover TypeNoneMountingSL Series faceplates and panelsOutlet FeatureInverted jack faceOutlet TypeStandardTermination Punchdowns, minimum200 timesTermination ToolSL Termination toolTermination TypeIDCTransmission StandardsANSI/TIA-568.2-D   ISO/IEC 11801 Class EMiringT68A   T568BDimensions1.478 x 2007 mm (0.58 x 0.79 in)Panel Cutout, recommended1.6 mm   0.063 inHeight1.438 mm   0.571 in	Product Type	Modular jack
ANS/TIA Category6Cable TypeUnshieldedColorBlueConductor TypeSolid   StrandedIntegrated Dust Cover TypeNoneMountingSL Series faceplates and panelsOutlet FeatureInverted jack faceOutlet TypeStandardGuttet TypeStandardFermination Punchdowns, minimum200 timesTermination TypeIDCTransmission StandardsNos/TIA-568.2-D   ISO/IEC 11801 Class EWiringT568   T568BDimensions1.478 x20.07 mm (0.58 x 0.79 in)Height16.13 mm   0.633 inHeight14.48 mm   0.57 in	Product Series	SL Series
Cable TypeUnshieldedColorBlueConductor TypeSolid   StrandedIntegrated Dust Cover TypeNoneMountingSL Series faceplates and panelsOutlet FeatureInverted jack faceOutlet TypeStandardTermination Punchdowns, minimum200 timesTermination ToolSL Termination toolTermination TypeIDCTransmission StandardsANSI/TIA-568.2-D   ISO/IEC 11801 Class EWiringT568A   T568BDimensions1.6788.0.79 in)Panel Cutout, recommended1.6711	General Specifications	
ColorBlueConductor TypeSolid   StrandedIntegrated Dust Cover TypeNoneMountingSL Series faceplates and panelsOutlet FeatureInverted jack faceOutlet TypeStandardTermination Punchdowns, minimum200 timesTermination ToolSL Termination toolTermination TypeIDCTransmission StandardsANSI/TIA-568.2-D   ISO/IEC 11801 Class EWiringT568A   T568BPanel Cutout, recommended1.478 x 20.07 mm (0.58 x 0.79 in)Height1.613 mm   0.635 inHeight1.488 mm   0.57 in	ANSI/TIA Category	6
Conductor TypeSolid   StrandedIntegrated Dust Cover TypeNoneMountingSL Series faceplates and panelsOutlet TypeInverted jack faceOutlet TypeStandardTermination Punchdowns, minimum200 timesTermination ToolSL Termination toolTermination TypeIDCTransmission StandardsANSI/TIA-568.2-D   ISO/IEC 11801 Class EWiringT568A   T568BPanel Cutout, recommended1.6 mm   0.063 inHeight1.613 mm   0.635 inWithy1.448 mm   0.57 in	Cable Type	Unshielded
Integrated Dust Cover TypeNoneMountingSL Series faceplates and panelsOutlet FeatureInverted jack faceOutlet TypeStandardTermination Punchdowns, minimum200 timesTermination ToolSL Termination toolTermination TypeIDCTransmission StandardsANSI/TIA-568.2-D   ISO/IEC 11801 Class EWiringT568A   T568BDimensionSIA StandardsPanel Cutout, recommended14.78 x 20.07 mm (0.58 x 0.79 in)Panel Thickness, recommended16.13 mm   0.633 inHeight14.48 mm   0.57 in	Color	Blue
MountingSL Series faceplates and panelsOutlet FeatureInverted jack faceOutlet TypeStandardTermination Punchdowns, minimum200 timesTermination ToolSL Termination toolTermination TypeIDCTransmission StandardsANSI/TIA-568.2-D   ISO/IEC 11801 Class EWiringT568A   T568BDimensions1.478 x 20.07 mm (0.58 x 0.79 in)Panel Cutout, recommended1.6 mm   0.063 inHeight16.13 mm   0.635 inWith14.48 mm   0.57 in	Conductor Type	Solid   Stranded
Outlet FeatureInverted jack faceOutlet TypeStandardTermination Punchdowns, minimum200 timesTermination ToolSL Termination toolTermination TypeIDCTransmission StandardsANSI/TIA-568.2-D   ISO/IEC 11801 Class EWiringT568A   T568BDimensionS14.78 x 20.07 mm (0.58 x 0.79 in)Panel Cutout, recommended1.6 mm   0.063 inHeight16.13 mm   0.635 inWith14.48 mm   0.57 in	Integrated Dust Cover Type	None
Outlet TypeStandardTermination Punchdowns, minimum200 timesTermination ToolSL Termination toolTermination TypeIDCTransmission StandardsANSI/TIA-568.2-D   ISO/IEC 11801 Class EWiringT568A   T568BDIMENSIONS1478 x 20.07 mm (0.58 x 0.79 in)Panel Cutout, recommended1.6 mm   0.063 inHeight16.13 mm   0.635 inWith14.48 mm   0.57 in	Mounting	SL Series faceplates and panels
Termination Punchdowns, minimum200 timesTermination ToolSL Termination toolTermination TypeIDCTransmission StandardsANSI/TIA-568.2-D   ISO/IEC 11801 Class EWiringT568A   T568BDimensions14.78 x 20.07 mm (0.58 x 0.79 in)Panel Cutout, recommended14.78 x 20.07 mm (0.58 x 0.79 in)Panel Thickness, recommended16.13 mm   0.635 inHeight14.48 mm   0.57 in	Outlet Feature	Inverted jack face
Termination ToolSL Termination toolTermination TypeIDCTransmission StandardsANSI/TIA-568.2-D   ISO/IEC 11801 Class EWringT568A   T568BDIMENSIONS14.78 x 20.07 mm (0.58 x 0.79 in)Panel Cutout, recommended14.78 x 20.07 mm (0.58 x 0.79 in)Panel Thickness, recommended16.13 mm   0.633 inHeight14.48 mm   0.57 in	Outlet Type	Standard
Termination TypeIDCTransmission StandardsANSI/TIA-568.2-D   ISO/IEC 11801 Class EWiringT568A   T568BDimensions14.78 × 20.07 mm (0.58 × 0.79 in)Panel Cutout, recommended1.6 mm   0.063 inHeight16.13 mm   0.635 inWith14.48 mm   0.57 in	Termination Punchdowns, minimum	200 times
Transmission StandardsANSI/TIA-568.2-D   ISO/IEC 11801 Class EWiringT568A   T568BDimensions14.78 x 20.07 mm (0.58 x 0.79 in)Panel Cutout, recommended1.6 mm   0.063 inHeight16.13 mm   0.635 inWith14.48 mm   0.57 in	Termination Tool	SL Termination tool
Wiring T568A   T568B   Dimensions 14.78 x 20.07 mm (0.58 x 0.79 in)   Panel Cutout, recommended 14.78 x 20.07 mm (0.58 x 0.79 in)   Panel Thickness, recommended 1.6 mm   0.063 in   Height 16.13 mm   0.635 in   With 14.48 mm   0.57 in	Termination Type	IDC
Dimensions   Panel Cutout, recommended 14.78 x 20.07 mm (0.58 x 0.79 in)   Panel Thickness, recommended 1.6 mm   0.063 in   Height 16.13 mm   0.635 in   Width 14.48 mm   0.57 in	Transmission Standards	ANSI/TIA-568.2-D   ISO/IEC 11801 Class E
Panel Cutout, recommended 14.78 x 20.07 mm (0.58 x 0.79 in)   Panel Thickness, recommended 1.6 mm   0.063 in   Height 16.13 mm   0.635 in   Width 14.48 mm   0.57 in	Wiring	T568A   T568B
Panel Thickness, recommended 1.6 mm   0.063 in   Height 16.13 mm   0.635 in   Width 14.48 mm   0.57 in	Dimensions	
Height 16.13 mm   0.635 in   Width 14.48 mm   0.57 in	Panel Cutout, recommended	14.78 x 20.07 mm (0.58 x 0.79 in)
Width   14.48 mm   0.57 in	Panel Thickness, recommended	1.6 mm   0.063 in
	Height	16.13 mm   0.635 in
<b>Depth</b> 30.48 mm   1.2 in	Width	14.48 mm   0.57 in
	Depth	30.48 mm   1.2 in

Page 1 of 3

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: June 25, 2024



## 4-1375055-BL | ECO SL110-6-BL-24

Compatible Cable Diameter, maximum	5.8 mm   0.228 in
Compatible Insulated Conductor Diameter, maximum	1.45 mm   0.057 in
Contact Plating Thickness	1.27 µm
Compatible Conductor Gauge, solid	24-22 AWG
Compatible Conductor Gauge, stranded	26-24 AWG
Electrical Specifications	
Contact Resistance Variation, maximum	20 mOhm
Contact Resistance, maximum	100 mOhm
Current Rating at Temperature	1.5 A @ 20 °C   1.5 A @ 68 °F
Dielectric Withstand Voltage, RMS, conductive surface	1,500 Vac @ 60 Hz
Dielectric Withstand Voltage, RMS, contact-to-contact	1,000 Vac @ 60 Hz
Insulation Resistance, minimum	500 mOhm
Remote Powering	Fully supports the safe delivery of power over LAN cabling described by IEEE 802.3bt (Type 4) and complies with the unmating under electrical load requirements prescribed by IEC 60512-99-002
PoE Durability	Supports IEEE 802.3bt Type 4 (90 W) applications after 3000 plug to jack mating cycles
Safety Voltage Rating	150 Vac
Material Specifications	
Contact Base Material	Beryllium copper
Contact Plating Material	Gold
Material Type	PC+ABS
Termination Contact Plating	Tin
Mechanical Specifications	
Plug Retention Force, minimum	50 N   11.24 lbf
Plug to Jack Mating Cycles	Complies to IEC 60603-7 series
Environmental Specifications Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °F)

-40 °C to +70 °C (-40 °F to +158 °F) UL 94 V-0

Page 2 of 3

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: June 25, 2024

**Storage Temperature** 

**Flammability Rating** 



# 4-1375055-BL | ECO SL110-6-BL-24

#### Safety Standard

Packaging and Weights

Included

Packaging Material

Packaging quantity

Packaging Type

#### Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

UL | cUL

Strain relief cap Eco-friendly, single-use plastics-free 24 Box | Carton

Page 3 of 3

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: June 25, 2024

