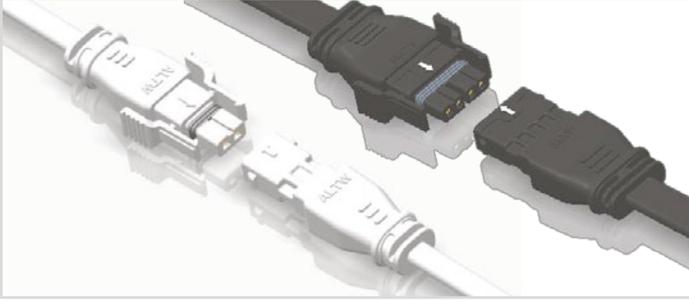


SSL 1.2 Overmolded with Flat Cables—Applying For Your Various Applications In Moisture Environments



Harsh environment



CSA C22.2



IP68 waterproof Rated



cUL



UL2238
UL50e



Space saving

Amphenol LTW (ALTW) introduces its new SSL 1.2 Overmolded with flat cables, which are designed with UL 21996 cable for outdoor and humid applications. They ensure a high of waterproof protection in accordance with IP68 standards and positive latching to ensure reliable interconnection. Furthermore, with a polarized connection design, they can eliminate the possibility of mismatching connectors.

In order to meet the needs of your compact products, ALTW's SSL 1.2 Overmolded with flat cables is ideal for applications where low profile design is required. It provides wire-to-wire and wire-to-board configurations for numerous applications. With its broad range from SMT receptacle, cable assemblies to field installable, pre-assembly is available to eliminate the need for additional handling on the manufacturing floor.

ALTW's SSL 1.2 Overmolded with flat cables is now available in black color (for outdoor) and white color (for indoor) in accordance with your application design.

Applications :



Channel Lettering



Commercial Refrigeration



Architectural Lighting



Street Lighting

Specifications :

Number of Positions	2 & 4 Pin	Insertion Force	2 Pin: 3Kgf (Max.) 4 Pin: 4kgf (Max.)
Current Rating	5A	Withdrawal Force	2 Pin: 0.3Kgf (Min.) 4 Pin: 0.5kgf (Min.)
Voltage Rating	300Vac/dc	Durability	30 Cycles
Wire Size	18-20 AWG	Temperature Range	-40 ~ 105°C
Dielectric Withstand Voltage	1600Vac	Waterproof Rating	IP68 (1M/30mins)
Insulation Resistance	1000 MΩ (Min.)	Safety Compliance	UL2238 + UL50e, CSA C22.2, CUL
Contact Resistance	10mΩ (Max.)		

Ordering information :

Color	AWG of Cable	Part Number	Description
White	18AWG	SSL12-P2LP0-M18FXX	SSL1.2 Overmold with UL21996 18AWG FLAT CABLE, 2P Male Conn, White, Cable length available from 1 to 99M
		SSL12-J2LJ0-018FXX	SSL1.2 Overmold with UL21996 18AWG FLAT CABLE, 2P Female Conn, White, Cable length available from 1 to 99M
		SSL12-P4LP0-M18FXX	SSL1.2 Overmold with UL21996 18AWG FLAT CABLE, 4P Male Conn, White, Cable length available from 1 to 99M
		SSL12-J4LJ0-018FXX	SSL1.2 Overmold with UL21996 18AWG FLAT CABLE, 4P Female Conn, White, Cable length available from 1 to 99M
	20AWG	SSL12-P2LP0-M20FXX	SSL1.2 Overmold with UL21996 20AWG FLAT CABLE, 2P Male Conn, White, Cable length available from 1 to 99M
		SSL12-J2LJ0-020FXX	SSL1.2 Overmold with UL21996 20AWG FLAT CABLE, 2P Female Conn, White, Cable length available from 1 to 99M
		SSL12-P4LP0-M20FXX	SSL1.2 Overmold with UL21996 20AWG FLAT CABLE, 4P Male Conn, White, Cable length available from 1 to 99M
		SSL12-J4LJ0-020FXX	SSL1.2 Overmold with UL21996 20AWG FLAT CABLE, 4P Female Conn, White, Cable length available from 1 to 99M
Black	18AWG	SSL12-P2LP0-M18HXX	SSL1.2 Overmold with UL21996 18AWG FLAT CABLE, 2P Male Conn, Black, Cable length available from 1 to 99M
		SSL12-J2LJ0-018HXX	SSL1.2 Overmold with UL21996 18AWG FLAT CABLE, 2P Female Conn, Black, Cable length available from 1 to 99M
		SSL12-P4LP0-M18HXX	SSL1.2 Overmold with UL21996 18AWG FLAT CABLE, 4P Male Conn, Black, Cable length available from 1 to 99M
		SSL12-J4LJ0-018HXX	SSL1.2 Overmold with UL21996 18AWG FLAT CABLE, 4P Female Conn, Black, Cable length available from 1 to 99M
	20AWG	SSL12-P2LP0-M20HXX	SSL1.2 Overmold with UL21996 20AWG FLAT CABLE, 2P Male Conn, Black, Cable length available from 1 to 99M
		SSL12-J2LJ0-020HXX	SSL1.2 Overmold with UL21996 20AWG FLAT CABLE, 2P Female Conn, Black, Cable length available from 1 to 99M
		SSL12-P4LP0-M20HXX	SSL1.2 Overmold with UL21996 20AWG FLAT CABLE, 4P Male Conn, Black, Cable length available from 1 to 99M
		SSL12-J4LJ0-020HXX	SSL1.2 Overmold with UL21996 20AWG FLAT CABLE, 4P Female Conn, Black, Cable length available from 1 to 99M

For more information, please contact:



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Innovation in Waterproof Solution

* Design and specifications are subject to change without notice.