

Amphenol LTW USB Type C IPx8 Connector One-Piece Solution for Data & Power Transmission

With the upcoming generation of USB Type C, Amphenol LTW announces USB Type C IPx8 connectors, satisfying your needs for the reversible plug orientation. The USB Type C IPx8 Connectors support the USB 3.1 standard with the top speed of 10 Gbps and 5A max. power supply. The standard allows for bi-directional power which makes these new plugs and jacks as an one-piece solution for the data and power transmission without the need for a separate power adapter. Designed with an IP68-sealed format, the connectors are protected against dirt, dust or humidity in harsh commercial and industrial environments.



The product range includes receptacle and 2-end over-molded with cable, ideal for your wide applications of the existing USB 2.0 / 3.0 Type A interface.

Applications :



Data Center



Portable Device



Industrial Automation



Agriculture & Data Acquisition



Automotive Diagnostic



Car Entertainment



Marine Electronic



Outdoor LED Display

Specifications :

General Characteristics		Technical Characteristics - Electrical	
Number of Contacts	24P	Contact Resistance	50 mΩ Max.
Current Rating	A4,A9,B4,B9: Total 5A Max.	Dielectric Withstanding Voltage	<5mV
	A1,A12,B1,B12: Total 5A Max.	Insulation Resistance	100 MΩ Min.
	A5,B5: Total 1.25A Max.	Material Specification	
	Others: 0.25A	Housing	PP, Black
Voltage Rating	30 Vac	Terminal	Copper Alloy, Gold Plated
Durability	10,000 Cycles	O-ring	Silicone
Waterproof Rating	IP68 (1M/24 Hours)	UV Resistant	UL 746C compliance, (f1)
Operating Temperature	-40 ~ 105°C	Technical Characteristics - Mechanica	
Environmental Conditions and Performance		Insertion Force	5N ~ 20N
Salt Spray	48 hours	Withdrawal Force	8N~20N (Within 10,000 cycles)
Note	Detailed applicable wire specifications may vary depending on the actual wire construction.		

For more information, please contact:



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Innovation in Waterproof Solution

* Design and specifications are subject to change without notice.