

Amphenol® LTW®

Amphenol® LTW®



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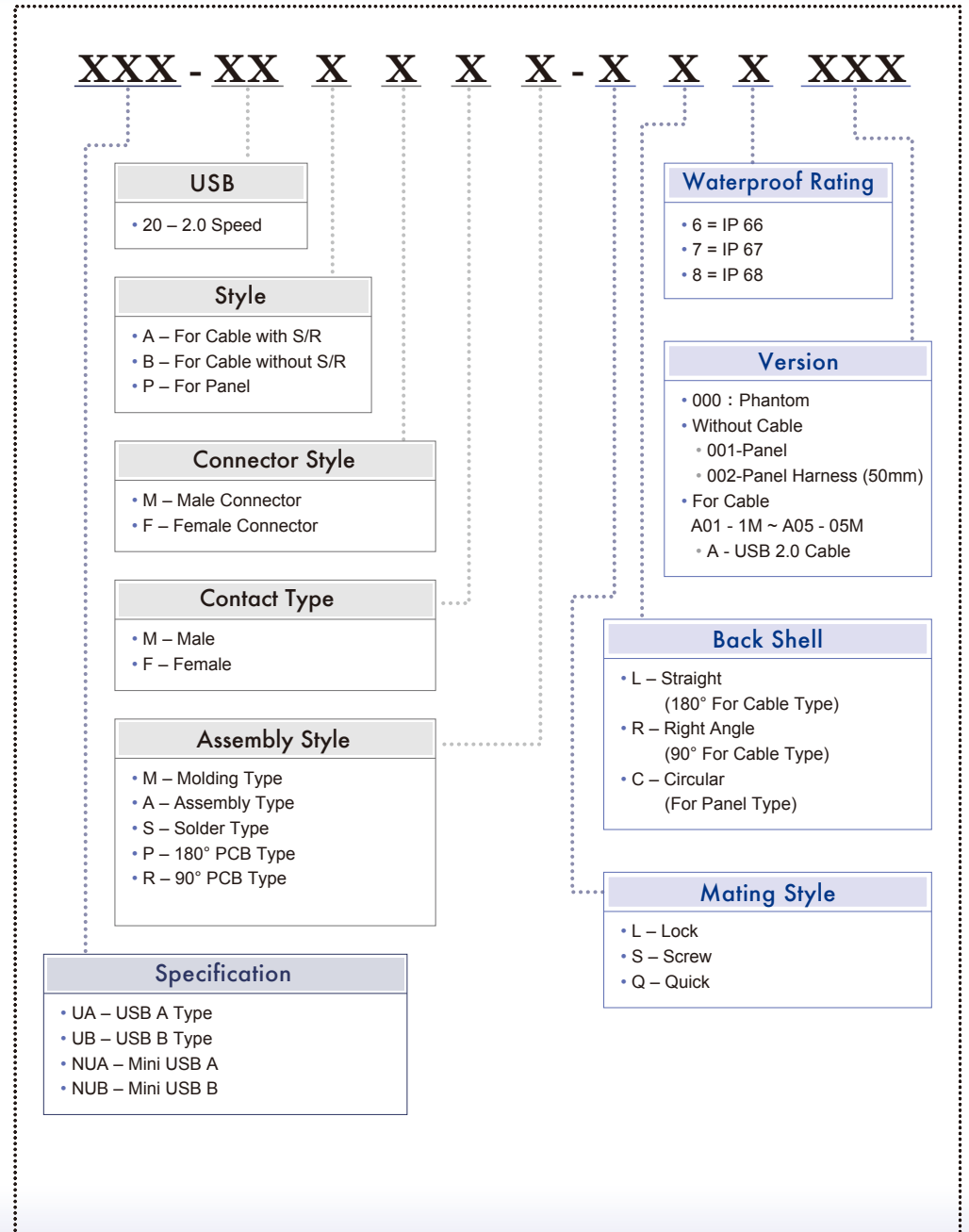
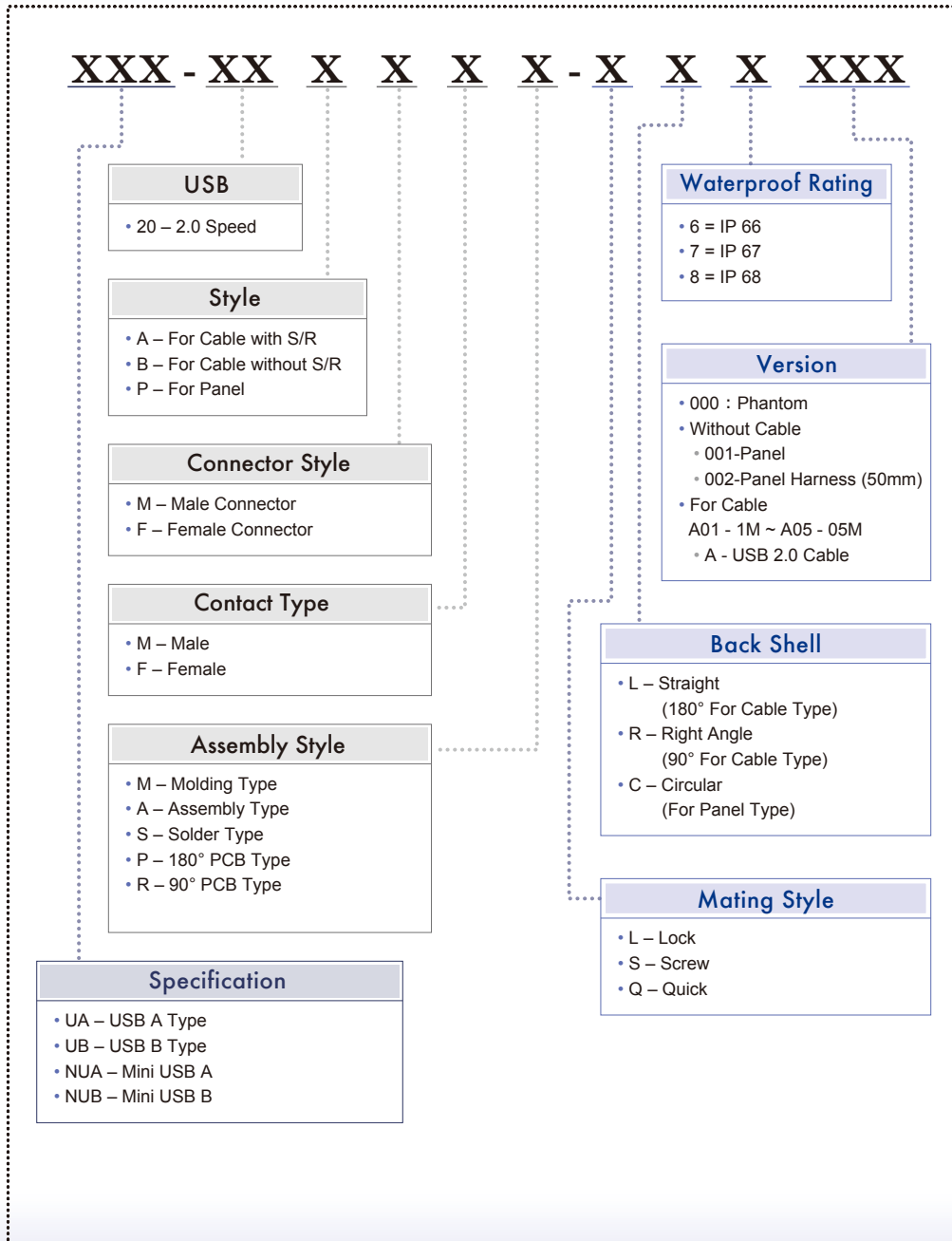


Complete Range of Waterproof Connectors & Cable Assembly

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Amphenol LTW reserves the right to improve, enhance and modify the design specifications and construction of Amphenol LTW products without prior notification. For additional product and technical information, please contact us.


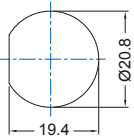


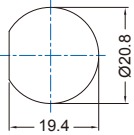





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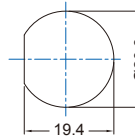


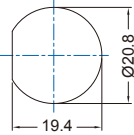




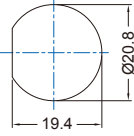



SPECIFICATIONS

No.	Specifications	Standard Value
01. Identifications		USB A Type USB B Type
02. Description		Panel Mount, Molded with Cable and Field Installable
03. Current Rating		USB: 1.5A Mini USB: 1A
04. Speed		480Mbps
05. Material		Contacts: Copper Alloy, Gold Plated Connector Body: PBT UL94V-0
06. Temperature Range		-20°C to +80°C
07. Waterproof Rating		IP67, IP68
08. Contact Resistance		≤30mΩ Max
09. Insulation Resistance		≥1000mΩ Min
10. Breakdown Voltage		≥AC 500V / 1 Minute
11. Standard Cable Length (for Molded Cable)		1-5M (Standard Cable: USB2.0)

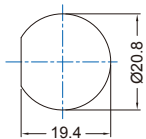
Male Connector		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
 <p>1</p> <p>PANEL CUT-OUT</p> 	<p>LTWUA-20PMFP-LC7 </p> <p>FEATURES:</p> <ul style="list-style-type: none"> • USB A Type • Male Connector • PCB 180° • With or without Flying Lead • IP 67 •  Means Different Versions 		<p>LTWUA-20AFMM-L </p> <p>FEATURES:</p> <ul style="list-style-type: none"> • USB A Type • Female Connector • Cable Length 1 to 5 Meters • IP 67 •  180° or 90° In-Line Molded Type • With SR 	 <p>Waterproof Cover with Chain</p>
 <p>2</p> <p>PANEL CUT-OUT</p> 	<p>LTWUB-20PMFP-LC7 </p> <p>FEATURES:</p> <ul style="list-style-type: none"> • USB B Type • Male Connector • PCB 180° • With or without Flying Lead • IP 67 •  Means Different Versions 		<p>LTWUB-20AFMM-L </p> <p>FEATURES:</p> <ul style="list-style-type: none"> • USB B Type • Female Connector • Cable Length 1 to 5 Meters • IP 67 •  180° or 90° In-Line Molded Type • With SR 	 <p>Waterproof Cover with Rubber Lead</p>

Male Connector		Mating Parts 1~3		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
 <p>1</p> <p>LTWUA-20PMFP-SC8ΔXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • USB A Type • Male Connector • PCB 180° • IP 68 • Δ With or without Flying Lead <p>PANEL CUT-OUT</p> 				 <p>Waterproof Cover with Chain</p>
 <p>2</p> <p>LTWUA-20AMFM-SL7AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • USB A Type • Male Connector • In-line Molded Type • With SR • Cable Length 1 to 5 Meters • IP 67 <p>PANEL CUT-OUT</p> 		 <p>LTWUA-20BFMM-SL7AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • USB A Type • Female Connector • In-line Molded Type • Without SR • Cable Length 1 to 5 Meters • IP 67 		 <p>Waterproof Cover with Rubber Lead</p>  <p>Waterproof Cover with Fish Line</p>
 <p>3</p> <p>LTWUA-20BMFA-SL8001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • USB A Type • Male Connector • Field Installable • Without Cable • IP 68 <p>PANEL CUT-OUT</p> 				 <p>Waterproof Box</p>

Male Connector		Mating Parts 4~6		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
 <p>4</p> <p>LTWUB-20PMFP-SC8ΔXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • USB B Type • Male Connector • PCB 180° • IP 68 • Δ With or without Flying Lead <p>PANEL CUT-OUT</p> 				 <p>Waterproof Cover with Chain</p>
 <p>5</p> <p>LTWUB-20AMFM-SL7AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • USB B Type • Male Connector • In-line Molded Type • With SR • Cable Length 1 to 5 Meters • IP 67 <p>PANEL CUT-OUT</p> 		 <p>LTWUB-20BFMM-SL7AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • USB B Type • Female Connector • In-line Molded Type • Without SR • Cable Length 1 to 5 Meters • IP 67 		 <p>Waterproof Cover with Rubber Lead</p>  <p>Waterproof Cover with Fish Line</p>
 <p>6</p> <p>LTWUB-20BMFA-SL8001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • USB B Type • Male Connector • Field Installable • Without Cable • IP 68 <p>PANEL CUT-OUT</p> 				 <p>Waterproof Box</p>

Male Connector		Mating Parts 1 ~ 4		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	LTWNUB-20PMFP-SC7001 FEATURES: <ul style="list-style-type: none"> Male Connector PCB 180° IP 67 			 Waterproof Cover with Chain
	LTWNUB-20PMFR-SC7001 FEATURES: <ul style="list-style-type: none"> Male Connector PCB 90° IP 67 			
	TWNUB-20BMFA-SL7001 FEATURES: <ul style="list-style-type: none"> Male Connector Field Installable Without SR IP 67 		LTWNUB-20AFMM-SL7AXX FEATURES: <ul style="list-style-type: none"> Female Connector In-line Molded Type (Cable to Cable) with SR Cable Length 5 Meters Max IP 67 	 Waterproof Cover with Rubber Lead
	LTWNUB-20AMFM-SL7AXX FEATURES: <ul style="list-style-type: none"> Male Connector In-line Molded Type (Cable to Cable) with SR Cable Length 5 Meters Max IP 67 			 Waterproof Cover

PANEL CUT-OUT



XXX - XX X X X X - X X X XXX

Number of Contacts

- 02, 03, Pin

Style

- A – For Cable with S/R
- B – For Cable without S/R
- P – For Panel Front Mounting
- R – For Panel Rear Mounting

Specification

- ZB - Ø18 Size Current Rating 10A

Connector Style

- M – Male Connector
- F – Female Connector

Contact Type

- M – Male
- F – Female
- C – Combo

Assembly Style

- M – Molding Type
- A – Assembly Type
- S – Solder Type
- P – 180° PCB Type
- R – 90° PCB Type
- B – Screw in Type

Mating Style

- L – Lock
- S – Screw
- Q – Quick

Back Shell

- L – Straight (180° for Cable Type)
- R – Right Angle (90° for Cable Type)
- C – Circular (For Panel Type)
- S – Square (For Panel Type)

Waterproof Rating

- 6 = IP 66
- 7 = IP 67
- 8 = IP 68

Version

- 000 : Phantom
- Without Cable 001, 002,.....
- For Cable A01 - 1M ~ A99 - 99M
 - A – 18AWG Cable

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