

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

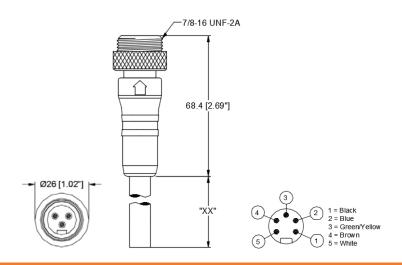








Drawings



Technical Data

Cordage Construction		Diameters (In)
Cordage Part Number	109	
Component 1	5 COND	
a) Conductor	18 (41/34) AWG Bare Copper	0.043
b) Insulation	0.010" Wall, Nom. PVC, Semi Rigid	0.063
Insulation Colors	Blue, Black, Green/Yellow, Brown, White	
Jacket	0.037" Wall, Nom. TPE	0.252
a) Color(s)	YELLOW	
Cord Configuration		
End 1	Mini Male 7/8", External Thread	
End 2	Cut End	
Insert	Yellow TPU	
Mold Color	Yellow TPU	
Contact	Copper Alloy, Gold over Silver plated	
Coupling Nut	Aluminum, anodized black	
Available Lengths	0.6, 1, 3, 5, 10, 15, 20 Meters	
Applicable Specifications- Cable		
UL	PLTC	105°C
	AWM/STYLE 20327	105°C / 300 V _{RMS}
CSA International	C(RU) AWM I/II A/B FT4	105°C / 300 V _{RMS}
Applicable Specifications- Cord Set		
UL	ANSI/UL 2238, Cable Assembly Extension	



PART NO: LR0500109 Mini Male 7/8"

RU, UL File Number E485156 CSA CSA-C22.2 No. 182.3, Special Use Attachment Plugs, Receptacles and Connectors cRU, UL File Number E485156 Ingress Protection Environmental Compliance CE All materials used in the manufacture of this part meet the requirements of European Directive 2011/65/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. Exemption used; 6a. REACH Regulation (EC This product does not contain Substances of Very High Concern (SVHC) listed on the European Union's REACH candidate list in excess of 0.1% mass of the item. Physical & Mechanical Properties Temperature Range, Cord -35 to 90°C(static), -15 to 90°C (dynamic) Pull Tension 64 Lbs, Maximum Current Rating 5.1 Amps @ 50°C Ordering Information LROS00109 YL355 0.6 Meters LROS00109 YL356 1.0 Meters LROS00109 YL358 5.0 Meters LROS00109 YL359 10.0 Meters LROS00109 YL400 15.0 Meters LROS00109 YL400 15.0 Meters Standard Package Each			
Attachment Plugs, Receptacles and Connectors cRU, UL File Number E485156 Ingress Protection IP67 Environmental Compliance CE All materials used in the manufacture of this part meet the requirements of European Directive 2011/65/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. Exemption used, 6a. REACH Regulation (EC 1907/2006) This product does not contain Substances of Very High Concern (SVHC) listed on the European Union's REACH candidate list in excess of 0.1% mass of the item. Physical & Mechanical Properties Temperature Range, Cord Bend Radius 7X Cable Diameter (static), 10X Cable Diameter (dynamic) Bend Radius 7X Cable Diameter (static), 10X Cable Diameter (dynamic) Current Rating 5.1 Amps @ 50°C Ordering Information LROS00109 YL355 1.0 Meters LROS00109 YL355 1.0 Meters LROS00109 YL358 5.0 Meters LROS00109 YL359 10.0 Meters LROS00109 YL400 15.0 Meters LROS00109 YL400 15.0 Meters LROS00109 YL401 20.0 Meters		RU, UL File Number E485156	
Connectors cRU, UL File Number E485156 Ingress Protection Environmental Compliance CE All materials used in the manufacture of this part meet the requirements of European Directive 2011/65/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. Exemption used; 6a. REACH Regulation (EC 1907/2006) This product does not contain Substances of Very High Concern (SVHC) listed on the European Union's REACH candidate list in excess of 0.1% mass of the item. Physical & Mechanical Properties Temperature Range, Cord Bend Radius 7X Cable Diameter (static), -15 to 90°C (dynamic) Bend Radius 7X Cable Diameter (static), 10X Cable Diameter (dynamic) Pull Tension 64 Lbs, Maximum Current Rating 5.1 Amps @ 50°C Ordering Information LROS00109 YL355 LROS00109 YL355 LROS00109 YL357 3.0 Meters LROS00109 YL359 10.0 Meters LROS00109 YL359 10.0 Meters LROS00109 YL400 15.0 Meters LROS00109 YL400 LROS00109 YL400 15.0 Meters LROS00109 YL400 LROS00109 YL401	CSA	CSA-C22.2 No. 182.3, Special Use	
Ingress Protection Environmental Compliance CE All materials used in the manufacture of this part meet the requirements of European Directive 2011/65/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. Exemption used; 6a. REACH Regulation (EC 1907/2006) REACH Regulation (EC 1907/2006) This product does not contain Substances of Very High Concern (SVHC) listed on the European Union's REACH candidate list in excess of 0.1% mass of the item. Physical & Mechanical Properties Temperature Range, Cord Bend Radius 7X Cable Diameter (static), 10X Cable Diameter (dynamic) Pull Tension 64 Lbs, Maximum Current Rating 5.1 Amps @ 50°C Ordering Information LR0500109 YL355 1.0 Meters LR0500109 YL356 1.0 Meters LR0500109 YL357 3.0 Meters LR0500109 YL359 10.0 Meters LR0500109 YL400 15.0 Meters LR0500109 YL400 15.0 Meters LR0500109 YL400 15.0 Meters		Attachment Plugs, Receptacles and	
Ingress Protection Environmental Compliance CE All materials used in the manufacture of this part meet the requirements of European Directive 2011/65/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. Exemption used; 6a. REACH Regulation (EC This product does not contain Substances of Very High Concern (SVHC) listed on the European Union's REACH candidate list in excess of 0.1% mass of the item. Physical & Mechanical Properties Temperature Range, Cord Bend Radius 7X Cable Diameter (static), 10X Cable Diameter (dynamic) Pull Tension 64 Lbs, Maximum Current Rating 5.1 Amps @ 50°C Ordering Information LR0500109 YL356 LR0500109 YL356 LR0500109 YL358 S.0 Meters LR0500109 YL359 1.0 Meters LR0500109 YL400 LR0500109 YL400 LR0500109 YL400 LR0500109 YL401 LR0500109 YL401		Connectors	
Environmental Compliance CE All materials used in the manufacture of this part meet the requirements of European Directive 2011/65/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. Exemption used; 6a. REACH Regulation (EC This product does not contain Substances of Very High Concern (SVHC) listed on the European Union's REACH candidate list in excess of 0.1% mass of the item. Physical & Mechanical Properties Temperature Range, Cord Bend Radius 7X Cable Diameter (static), -15 to 90°C (dynamic) Bend Radius 7X Cable Diameter (static), 10X Cable Diameter (dynamic) Pull Tension 64 Lbs, Maximum Current Rating 5.1 Amps @ 50°C Ordering Information LR0500109 YL355 LR0500109 YL355 1.0 Meters LR0500109 YL358 5.0 Meters LR0500109 YL359 10.0 Meters LR0500109 YL359 LR0500109 YL400 15.0 Meters LR0500109 YL400 LR0500109 YL401		cRU, UL File Number E485156	
All materials used in the manufacture of this part meet the requirements of European Directive 2011/65/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. Exemption used; 6a. REACH Regulation (EC 1907/2006) REACH Regulation (EC This product does not contain Substances of Very High Concern (SVHC) listed on the European Union's REACH candidate list in excess of 0.1% mass of the item. Physical & Mechanical Properties Temperature Range, Cord Bend Radius 7X Cable Diameter (static), 10X Cable Diameter (dynamic) Pull Tension 64 Lbs, Maximum Current Rating 5.1 Amps @ 50°C Ordering Information LR0500109 YL355 1.0 Meters LR0500109 YL357 3.0 Meters LR0500109 YL358 5.0 Meters LR0500109 YL359 10.0 Meters LR0500109 YL400 15.0 Meters LR0500109 YL400 15.0 Meters LR0500109 YL401	Ingress Protection	IP67	
this part meet the requirements of European Directive 2011/65/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. Exemption used; 6a. REACH Regulation (EC This product does not contain Substances 1907/2006) of Very High Concern (SVHC) listed on the European Union's REACH candidate list in excess of 0.1% mass of the item. Physical & Mechanical Properties Temperature Range, Cord -35 to 90°C(static), -15 to 90°C (dynamic) Bend Radius 7X Cable Diameter (static), 10X Cable Diameter (dynamic) Pull Tension 64 Lbs, Maximum Current Rating 5.1 Amps @ 50°C Ordering Information LR0500109 YL355 1.0 Meters LR0500109 YL357 3.0 Meters LR0500109 YL358 5.0 Meters LR0500109 YL359 10.0 Meters LR0500109 YL400 15.0 Meters LR0500109 YL400 15.0 Meters LR0500109 YL401 20.0 Meters	Environmental Compliance		
European Directive 2011/65/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. Exemption used; 6a. REACH Regulation (EC This product does not contain Substances of Very High Concern (SVHC) listed on the European Union's REACH candidate list in excess of 0.1% mass of the item. Physical & Mechanical Properties Temperature Range, Cord -35 to 90°C(static), -15 to 90°C (dynamic) Bend Radius 7X Cable Diameter (static), 10X Cable Diameter (dynamic) Pull Tension 64 Lbs, Maximum Current Rating 5.1 Amps @ 50°C Ordering Information LR0500109 YL355 0.6 Meters LR0500109 YL357 3.0 Meters LR0500109 YL358 5.0 Meters LR0500109 YL359 10.0 Meters LR0500109 YL400 15.0 Meters LR0500109 YL401 20.0 Meters	CE	All materials used in the manufacture of	
the restriction of use of certain hazardous substances in electrical and electronic equipment. Exemption used; 6a. REACH Regulation (EC This product does not contain Substances of Very High Concern (SVHC) listed on the European Union's REACH candidate list in excess of 0.1% mass of the item. Physical & Mechanical Properties Temperature Range, Cord -35 to 90°C(static), -15 to 90°C (dynamic) Bend Radius 7X Cable Diameter (static), 10X Cable Diameter (dynamic) Pull Tension 64 Lbs, Maximum Current Rating 5.1 Amps @ 50°C Ordering Information LR0500109 YL355 0.6 Meters LR0500109 YL356 1.0 Meters LR0500109 YL358 5.0 Meters LR0500109 YL359 10.0 Meters LR0500109 YL400 15.0 Meters LR0500109 YL400 15.0 Meters LR0500109 YL401 20.0 Meters		this part meet the requirements of	
substances in electrical and electronic equipment. Exemption used; 6a. REACH Regulation (EC This product does not contain Substances of Very High Concern (SVHC) listed on the European Union's REACH candidate list in excess of 0.1% mass of the item. Physical & Mechanical Properties Temperature Range, Cord -35 to 90°C(static), -15 to 90°C (dynamic) Bend Radius 7X Cable Diameter (static), 10X Cable Diameter (dynamic) Pull Tension 64 Lbs, Maximum Current Rating 5.1 Amps @ 50°C Ordering Information LR0500109 YL355 0.6 Meters LR0500109 YL357 3.0 Meters LR0500109 YL358 5.0 Meters LR0500109 YL359 10.0 Meters LR0500109 YL400 15.0 Meters LR0500109 YL400 15.0 Meters LR0500109 YL401 20.0 Meters		European Directive 2011/65/EU regarding	
equipment. Exemption used; 6a. REACH Regulation (EC 1907/2006) Of Very High Concern (SVHC) listed on the European Union's REACH candidate list in excess of 0.1% mass of the item. Physical & Mechanical Properties Temperature Range, Cord Bend Radius 7X Cable Diameter (static), 10X Cable Diameter (dynamic) Pull Tension Current Rating 5.1 Amps @ 50°C Ordering Information LR0500109 YL355 LR0500109 YL357 LR0500109 YL358 LR0500109 YL358 LR0500109 YL359 LR0500109 YL400 LR0500109 YL400 15.0 Meters LR0500109 YL401 20.0 Meters LR0500109 YL401		the restriction of use of certain hazardous	
REACH Regulation (EC 1907/2006) This product does not contain Substances of Very High Concern (SVHC) listed on the European Union's REACH candidate list in excess of 0.1% mass of the item. Physical & Mechanical Properties Temperature Range, Cord Bend Radius 7x Cable Diameter (static), -15 to 90°C (dynamic) Pull Tension Current Rating 5.1 Amps @ 50°C Ordering Information LR0500109 YL355 LR0500109 YL356 LR0500109 YL358 LR0500109 YL358 LR0500109 YL359 LR0500109 YL400 LR0500109 YL400 LR0500109 YL400 LR0500109 YL401 20.0 Meters LR0500109 YL401		substances in electrical and electronic	
of Very High Concern (SVHC) listed on the European Union's REACH candidate list in excess of 0.1% mass of the item. Physical & Mechanical Properties Temperature Range, Cord -35 to 90°C(static), -15 to 90°C (dynamic) Bend Radius 7X Cable Diameter (static), 10X Cable Diameter (dynamic) Pull Tension 64 Lbs, Maximum Current Rating 5.1 Amps @ 50°C Ordering Information LR0500109 YL355 0.6 Meters LR0500109 YL356 1.0 Meters LR0500109 YL358 5.0 Meters LR0500109 YL359 10.0 Meters LR0500109 YL359 10.0 Meters LR0500109 YL400 15.0 Meters LR0500109 YL400 15.0 Meters LR0500109 YL401 20.0 Meters		equipment. Exemption used; 6a.	
European Union's REACH candidate list in excess of 0.1% mass of the item. Physical & Mechanical Properties Temperature Range, Cord -35 to 90°C(static), -15 to 90°C (dynamic) Bend Radius 7X Cable Diameter (static), 10X Cable Diameter (dynamic) Pull Tension 64 Lbs, Maximum Current Rating 5.1 Amps @ 50°C Ordering Information LR0500109 YL355 0.6 Meters LR0500109 YL357 3.0 Meters LR0500109 YL358 5.0 Meters LR0500109 YL359 10.0 Meters LR0500109 YL400 15.0 Meters LR0500109 YL401 20.0 Meters	REACH Regulation (EC	This product does not contain Substances	
excess of 0.1% mass of the item. Physical & Mechanical Properties Temperature Range, Cord Bend Radius 7X Cable Diameter (static), 10X Cable Diameter (dynamic) Pull Tension 64 Lbs, Maximum Current Rating 5.1 Amps @ 50°C Ordering Information LR0500109 YL355 LR0500109 YL356 LR0500109 YL357 LR0500109 YL358 LR0500109 YL359 LR0500109 YL359 LR0500109 YL400 15.0 Meters LR0500109 YL400 15.0 Meters LR0500109 YL401 20.0 Meters	1907/2006)	of Very High Concern (SVHC) listed on the	
Physical & Mechanical Properties Temperature Range, Cord -35 to 90°C(static), -15 to 90°C (dynamic) Bend Radius 7X Cable Diameter (static), 10X Cable Diameter (dynamic) Pull Tension 64 Lbs, Maximum Current Rating 5.1 Amps @ 50°C Ordering Information LR0500109 YL355 LR0500109 YL356 1.0 Meters LR0500109 YL357 3.0 Meters LR0500109 YL358 5.0 Meters LR0500109 YL359 10.0 Meters LR0500109 YL400 15.0 Meters LR0500109 YL401 20.0 Meters		European Union's REACH candidate list in	
Properties Temperature Range, Cord -35 to 90°C(static), -15 to 90°C (dynamic) Bend Radius 7X Cable Diameter (static), 10X Cable Diameter (dynamic) Pull Tension 64 Lbs, Maximum Current Rating 5.1 Amps @ 50°C Ordering Information LR0500109 YL355 0.6 Meters LR0500109 YL356 1.0 Meters LR0500109 YL357 3.0 Meters LR0500109 YL358 5.0 Meters LR0500109 YL359 10.0 Meters LR0500109 YL400 15.0 Meters LR0500109 YL400 20.0 Meters		excess of 0.1% mass of the item.	
Temperature Range, Cord -35 to 90°C(static), -15 to 90°C (dynamic) Bend Radius 7X Cable Diameter (static), 10X Cable Diameter (dynamic) Pull Tension 64 Lbs, Maximum Current Rating 5.1 Amps @ 50°C Ordering Information LR0500109 YL355 0.6 Meters LR0500109 YL356 1.0 Meters LR0500109 YL357 3.0 Meters LR0500109 YL358 5.0 Meters LR0500109 YL359 10.0 Meters LR0500109 YL400 15.0 Meters LR0500109 YL401 20.0 Meters	Physical & Mechanical		
Bend Radius 7X Cable Diameter (static), 10X Cable Diameter (dynamic) Pull Tension 64 Lbs, Maximum Current Rating 5.1 Amps @ 50°C Ordering Information Information LR0500109 YL355 0.6 Meters LR0500109 YL356 1.0 Meters LR0500109 YL357 3.0 Meters LR0500109 YL358 5.0 Meters LR0500109 YL359 10.0 Meters LR0500109 YL400 15.0 Meters LR0500109 YL401 20.0 Meters	Properties		
Diameter (dynamic) Pull Tension 64 Lbs, Maximum Current Rating 5.1 Amps @ 50°C Ordering Information LR0500109 YL355 0.6 Meters LR0500109 YL356 1.0 Meters LR0500109 YL357 3.0 Meters LR0500109 YL358 5.0 Meters LR0500109 YL359 10.0 Meters LR0500109 YL400 15.0 Meters LR0500109 YL401 20.0 Meters	Temperature Range, Cord	-35 to 90°C(static), -15 to 90°C (dynamic)	
Pull Tension 64 Lbs, Maximum Current Rating 5.1 Amps @ 50°C Ordering Information LR0500109 YL355 0.6 Meters LR0500109 YL356 1.0 Meters LR0500109 YL357 3.0 Meters LR0500109 YL358 5.0 Meters LR0500109 YL359 10.0 Meters LR0500109 YL400 15.0 Meters LR0500109 YL401 20.0 Meters	Bend Radius	7X Cable Diameter (static), 10X Cable	
Current Rating 5.1 Amps @ 50°C Ordering Information 0.6 Meters LR0500109 YL355 1.0 Meters LR0500109 YL356 1.0 Meters LR0500109 YL357 3.0 Meters LR0500109 YL358 5.0 Meters LR0500109 YL359 10.0 Meters LR0500109 YL400 15.0 Meters LR0500109 YL401 20.0 Meters		Diameter (dynamic)	
Ordering Information LR0500109 YL355 0.6 Meters LR0500109 YL356 1.0 Meters LR0500109 YL357 3.0 Meters LR0500109 YL358 5.0 Meters LR0500109 YL359 10.0 Meters LR0500109 YL400 15.0 Meters LR0500109 YL401 20.0 Meters	Pull Tension	64 Lbs, Maximum	
LR0500109 YL355 0.6 Meters LR0500109 YL356 1.0 Meters LR0500109 YL357 3.0 Meters LR0500109 YL358 5.0 Meters LR0500109 YL359 10.0 Meters LR0500109 YL400 15.0 Meters LR0500109 YL401 20.0 Meters	Current Rating	5.1 Amps @ 50°C	
LR0500109 YL356 1.0 Meters LR0500109 YL357 3.0 Meters LR0500109 YL358 5.0 Meters LR0500109 YL359 10.0 Meters LR0500109 YL400 15.0 Meters LR0500109 YL401 20.0 Meters	Ordering Information		
LR0500109 YL357 3.0 Meters LR0500109 YL358 5.0 Meters LR0500109 YL359 10.0 Meters LR0500109 YL400 15.0 Meters LR0500109 YL401 20.0 Meters	LR0500109 YL355	0.6 Meters	
LR0500109 YL358 5.0 Meters LR0500109 YL359 10.0 Meters LR0500109 YL400 15.0 Meters LR0500109 YL401 20.0 Meters	LR0500109 YL356	1.0 Meters	
LR0500109 YL359 10.0 Meters LR0500109 YL400 15.0 Meters LR0500109 YL401 20.0 Meters	LR0500109 YL357	3.0 Meters	
LR0500109 YL400 15.0 Meters LR0500109 YL401 20.0 Meters	LR0500109 YL358	5.0 Meters	
LR0500109 YL401 20.0 Meters	LR0500109 YL359	10.0 Meters	
	LR0500109 YL400	15.0 Meters	
Standard Package Each	LR0500109 YL401	20.0 Meters	
	Standard Package	Each	

Although Alpha Wire ("Alpha") makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability. Alpha provides the information and specification herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Alpha be liable any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Alpha has been advised of the possibility of such damages, whether in an action under contact, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specification described herein.