









## CSL/Omni-ID RFID Tags - US, EU



	Short Range		Medium Range		Long Range			Ultra Long Range
								
Product Name	Prox Label	Prox Rigid Case	Flex Label	Flex Rigid Case v2	Max Label	Max Rigid Case v2	Max HD	Ultra
CSL order Number	CS7310 - US CS7313 - EU	CS7410 - US CS7413 - EU	CS7311 - US CS7314 - EU	CS7411 - US CS7414 - EU	CS7312 - US CS7315 - EU	CS7412 - US CS7415 - EU	CS7520 - ABS CS7531 - PC	CS7540 - ABS CS7551 - PC
Read Range (m)	Balanced Up to 3.0 (US) Up to 2.0 (EU)	Balanced Up to 3.0 (US) Up to 2.0 (EU)	Balanced Up to 5.0 (US) Up to 3.5 (EU)	Balanced Up to 5.0 (US) Up to 5.0 (EU)	Balanced Up to 12.0 (US) Up to 8.0 (EU)	Balanced Up to 12.0 (US) Up to 10.0 (EU)	On Metal Up to 15.0 (Global)	Balanced Up to 35.0 (Global)
Size (mm)	35 x 10 x 4.8	54.5 x 16 x 7.8	77 x 15 x 2.8	100 x 21 x 7.2	80 x 30 x 3.8	104 x 33 x 8.4	140 x 66 x 14.0	210 x 110 x 21.0
Weight (g)	1.9	5.3	2.9	11.6	8.4	22	75.0(ABS), 82.0 (PC)	265.0 (ABS), 292.0 (PC)
Encasement	Synthetic Label	Rigid case (ABS)	Synthetic Label	Rigid case (ABS)	Synthetic Label	Rigid case (ABS)	Rigid case (ABS or Polycarbonate)	Rigid case (ABS or Polycarbonate)
Frequency Range (MHz)	902-928 (US) 866-868 (EU)	902-928 (US) 866-868 (EU)	902-928 (US) 866-868 (EU)	902-928 (US) 866-868 (EU)	902-928 (US) 866-868 (EU)	902-928 (US) 866-868 (EU)	860-960 (Global)	860-960 (Global)
IC Type	Alien Higgs 3	Alien Higgs 3	Alien Higgs 3	Alien Higgs 3	Alien Higgs 3	Alien Higgs 3	Alien Higgs 3	Alien Higgs 3
User Memory (bits)	512	512	512	512	512	512	512	512
Operating Temperature ( ° C)	+5 to +40 ° C	-20 to +55 ° C	+5 to +40 ° C	-20 to +55 ° C	+5 to +40 ° C	-20 to +55 ° C	ABS: -40 to +65 ° C PC : -40 to +100 ° C	ABS: -40 to +65 ° C PC : -40 to +100 ° C
IP Rating	IP54	IP68	IP54	IP68	IP54	IP68	ABS : IP68 PC : IP67	ABS : IP67 PC : IP65
Shock and vibration	MIL STD810-F BS EN 60068-2	MIL STD810-F BS EN 60068-3	MIL STD810-F BS EN 60068-4	MIL STD810-F BS EN 60068-5	MIL STD810-F BS EN 60068-6	MIL STD810-F BS EN 60068-7	MIL STD810-F BS EN 60068-8	MIL STD810-F BS EN 60068-9
Attachment	Film Adhesive (std.) Foam Adhesive (opt.)	Manual and film adhesive (std.) Foam Adhesive(opt.)	Film Adhesive (std.) Foam Adhesive (opt.)	Manual and film adhesive (std.) Foam Adhesive(opt.)	Film Adhesive (std.) Foam Adhesive (opt.)	Manual and film adhesive (std.) Foam Adhesive(opt.)	Manual (std.) Foam Adhesive (opt.)	Manual (std.) Foam Adhesive (opt.)

Vaules for Comparison only, please refer to Product Datasheets for full specifications.