

Cable Description	Copperweld®-Copper No.8 AWG Type A Conductor		
Cable Specifications	ASTM B1-01 – Standard Specification for Hard-Drawn Copper Wire ASTM B227 – Standard Specification for Hard Drawn Copper-Clad Steel Wire ASTM B229 – Standard Specification for Concentric-Lay Stranded Copper and Copper-Clad Steel Composite Conductors		
Catalog Number	CCAN8/AD		
 TYPE "A" 1 CW Wire 2 Cu Wires			
PHYSICAL DATA	Number of Wires	3 (2-Copper + 1-CCS)	
	Overall diameter	5.055 (0.199)	mm (inch)
	Cross Section of Area	12.87 (25.4)	mm ² (kcmil)
	Linear Weight	110.5 (74.28)	kg/km (lb/1000 ft)
	Minimum Break Load	1,003 (2,211)	Kgf (lbf)
ELECTRICAL DATA	Max. Conductor DC Resistance at 20°C	2.134 (0.65)	Ω/km (Ω/1000 ft)
	Conductivity – CCS wire	30	% IACS
<i>All materials contained in this document are the intellectual property of Copperweld Bimetallics, LLC., and protected by copyright laws. None of its content may not be reproduced, republished, distributed, transmitted, displayed, broadcast or otherwise exploited in any manner without the express prior written permission of Copperweld Bimetallics, LLC. For more information, contact engineering@copperweld.com. Note: Min Tensile Cu = 62,100 psi (ASTM B1); Min Tensile 40% CCS EHS = 157,500 psi (ASTM B227)</i>			