

1	MATERIAL NAME	Copper-Clad Aluminum (CCA) Wire		ISSUE	2006. 07.	
	SCOPE	For use in high-frequency coaxial cable				
	1	CLASSIFICATION	Copper-Clad Aluminum wire according to ASTM B 566 and Class 10A			
Page	TEST ITEM	UNIT	SPECIFIED VALUE		TEST CONDITION	TEST METHOD
LS Cable Ltd. Material Spec.	Outer Diameter	mm	Standard	Tolerance	-	ASTM B 566
			2.03	±1%		
			2.90	±1%		
			3.89	±1%		
			5.15	±1%		
	Length		15,000M (-0, +50m)		-	
	Copper Volume	%	9.0 ~ 16.0		-	ASTM B 566
	Tensile Strength	kgf/mm ²	10.0 ~ 14.0		-	ASTM B 566
	Elongation	%	Min. 14.0		-	ASTM B 566
	D.C. Conductivity	%	Min. 62.9		-	ASTM B 193
Density	g/cm ³	3.32 ± 0.5		-	ASTM B 566	
Appearance		1)The surface of the wire must be smooth, bright and free from grease. It should not present annealing colors. Incorporations of copper particles or foreign materials are not admissible. 2)The surface of the wire shall be even and smooth to provide small reflaction factor.				
PACKING		IDENTIFICATION		TRANSPORTATION AND ACCEPTANCE INSPECTION		
1. This goods shall be delivered with wooden reel or steel reel state(as follows) and shall not contain a joint in a reel. 2.Reel Size -Flange Dia.(A); max.1,200mm -Out width(B); max.900mm -Arbor Dia.(c); 130±5mm				1. Name 2. Lot number 3. Gross weight 4. Net weight 5. The year of manufacture 6. Manufacturer		
1. This goods shall be protected from dirt and other foreign matter during the transportation. 2. Manufacturer have to send the test report with products.						
ASSOCIATED DOCUMENTS		COPY PROVIDER	Approved by	BAE, J. S.	Prepared by	CHO, B. K.