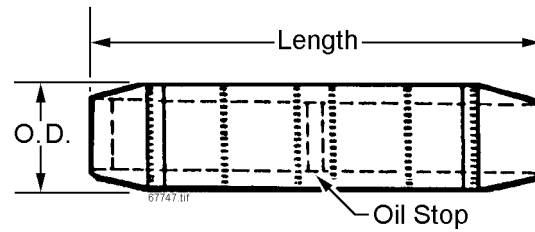


MATERIAL STANDARD

CONNECTORS TAPERED ALUMINUM COMPRESSION



Tapered Aluminum Compression Connectors of the configuration shown are intended for use on 4 kV and higher insulated aluminum and copper conductors in underground construction, and shall meet the applicable requirements of ANSI C119.4 Standard for Aluminum Connectors for Aluminum/Copper Conductors.

Inhibitor. Each connector shall be factory filled with a measured amount of oxide-inhibiting compound that will not effect the dielectric strength or power factor of cables insulated with butyl, polyvinyl chloride, polyethylene, cross linked polyethylene, or ethylene-propylene rubber.

Oil Stop. The connector ends shall be separated by a center oil stop.

Tin Plate. Each connector shall be tin-plated for Al-Al, Al-Cu, and Cu-Cu connections.

Marking. Each connector shall have durable markings showing conductor size, die number, number of crimps and manufacturer's name or trade mark and catalog number of the connector.

Packaging. The connector ends shall be sealed to prevent leakage or contamination of the inhibitor. Each connector shall be individually packaged in a sealed plastic bag.

Reference Specification: ANSI C119.4, latest revision

Stock Unit: EA

Tooling and Die Requirements

Stock Number	Wire Size	O.D.	Nom. Length	Burndy	T&B	Kearney
650631	#1	0.530"	2.63"	U1CART, 163	45	1/2
650632	1/0	0.600"	2.67"	U25ART, 296	52	9/16
650634	4/0	0.840"	3.75"	U28ART, 298	76	840
650637	350	1.125"	4.94"	U31ART, 299	96	1-1/8
650639	500	1.320"	5.50"	U34ART, 300	115	1-5/16
650641	750	1.590"	6.88"	U39ART, 301	125	1-1/2

Stock Number	Wire Size	Nominal Length	Approved Manufacturers			
			Burndy (Tin Plate)	Homac	MAC	Richards
650631	#1	2.63"	YS1CAST	ATC-1-TN	MTAP 1-TN	OATC 8-TN
650632	1/0	2.67"	YS25AST	ATC-1/0-TN	MTAP 1/0-TN	OATC 9-TN
650634	4/0	3.75"	YS28AST	ATC-4/0-TN	MTAP 4/0-TN	-
650637	350	4.94"	YS31AST	ATC-350-TN	MTAP 350-TN	-
650639	500	5.50"	YS34AST	ATC-500-TN	MTAP 500-TN	OATC 18-TN
650641	750	6.88"	YS39AST	ATC-750-TN	MTAP 750-TN	OATC 23-TN

ORIGINATOR	STANDARDS COORDINATOR	STANDARDS SUPERVISOR	UNIT DIRECTOR
<i>Jim S. Horn</i>	<i>Charles L. Shaffer</i>	<i>John C. Skinner</i>	<i>Harold J. J.</i>