



Size	Drawing Number		
A	GD-DT-AC12xxF		
Rev	Revised By	Revision Date	ECO #
A	SG	8/1/2019	D9137

Wire Material: Aluminum coated steel per ASTM A474

Note: -Insulator Size: ϕ 2-7/8"; ANSI 55-4, 55-5 "F" Neck -Tie tube is attached to each item
 -Insulator Identification Mark: YELLOW -Right Lay Standard

For use on: ACSR; ACSR Compacted; Aluminum Alloy; All-Aluminum, Compacted All-Aluminum

MPS Catalog #	Diameter Range (in)	Strand Size	Applied Length	Number of Rods	Conductor Color Code	Items per CTN	Estim. Wt. CTN
DT-AC1201F	0.216-0.244	#4 (6/1, 7/1) Comp. #4 7W All Alum.	26	2	BROWN	100	17
DT-AC1202F	0.245-0.277	#4 (6/1, 7/1) #4 7W Alum. Alloy	27	2	ORANGE	100	16
DT-AC1203F	0.278-0.315	#3 7W Alum. Alloy #2 7W All Alum.	29	2	PURPLE	100	17
DT-AC1204F	0.316-0.357	#1 (6/1) #2 (6/1, 7/1); #2 7W Alum. Alloy	31	2	RED	100	18
DT-AC1205F	0.358-0.405	#1/0 (6/1) #1/0 7W Alum. Alloy & All Alum.	32	2	YELLOW	100	19
DT-AC1206F	0.406-0.459	#2/0 (6/1) #2/0 7W Alum. Alloy & All Alum.	26	2	BLUE	50	11
DT-AC1207F	0.46-0.52	#3/0 (6/1) #3/0 7W Alum. Alloy & All Alum.	27	2	ORANGE	50	12
DT-AC1208F	0.521-0.588	#4/0 (6/1) #4/0 7W Alum. Alloy & All Alum.	29	2	RED	50	14
DT-AC1209F	0.589-0.665	#266.8 (18/1) #266.8 37W All Alum.	32	2	PURPLE	50	15
DT-AC1210F	0.666-0.755	#336.4 (18/1); #336.4 19W Alum. Alloy #397.5 19W All Alum.	32	2	BROWN	50	16
DT-AC1211F	0.756-0.855	#477 (18/1, 24/7, 26/7) #477 19W & 37W All Alum.	33	2	RED	50	17
DT-AC1212F	0.856-0.968	#556.5 (24/7); #636 (18/1) #700 37W & 61W All Alum.	35	2	BLUE	50	18
DT-AC1213F	0.969-1.096	#715.5 (24/7) #795 (54/7); #795 37W & 61W All Alum.	38	2	GREEN	50	23
DT-AC1214F	1.097-1.24	#954 (36/1, 54/7) #1033.5 37W & 61W All Alum.	41	2	YELLOW	-	-

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Drawing Description:
Distribution Top Tie - F Neck

Drawing Number: GD-DT-AC12xxF

Drawn by: SG Dsgn Date: 12/31/18