SPLICE CASES AND TERMINALS WITH ENAMEL COATINGS

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1. GENERAL

1.01 Splice Cases and T Type Terminals with a baked enamel finish on the exterior surfaces of the aluminum die castings are available for use on aerial cable in locations where atmospheric corrosion, such as encountered close to the sea coast or in some industrial areas, will attack the unprotected metal.

1.02 In general, the areas, where the additional protection afforded by the enamel finish is required, will be covered by local instructions.

1.03 In other locations, the supervisor should be consulted before using these splice cases or terminals.
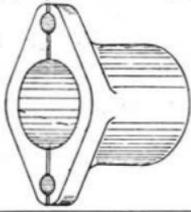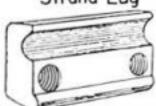
2. SPLICE CASES

2.01 The splice cases available with the baked enamel finish are listed. They are the same as the corresponding die cast aluminum splice cases except for the enamelled housing, compression collars and strand lugs.

CASE NO.	TYPE	SIZE	CAPACITY
1 BA	Straight	2 1/2 in. dia. x 21 in. long.	2 Cables 1.0 in. dia.
2 AA	Straight	3 1/4 in. dia. x 24 in. long.	2 Cables 1.6 in. dia.
5 AA	Branch	3 1/4 in. dia. x 23 3/4 in. long.	4 Cables 1.0 in. dia.
6 AA	Branch	5 1/4 in. dia. x 25 3/4 in. long.	4 Cables 1.6 in. dia.

Note: The addition of the second letter designates the
enamelled housing, e.g. 1B<u>A</u> indicates a 1B Splice
Case with enamelled housing.

2.02   The enamelled compression collars and strand lugs,
furnished with these splice cases and the terminals
listed in the next part of the section, are shown.

ENAMELLED PART	✱	USED FOR
Compression Collar	P10C411 Collar (2 required) or P10C413 Collar (2 required)	Two piece collar which compresses sealing tape between polyethylene washers to form end seal around cable. 1BA-P10C411 up to 1in. O.D. 2AA-P10C413 from 1in. to 1.6 O.D.
Strand Lug	P10C410 Lug	Supports case from strand (2 required)

✱ This information should be used
when ordering parts.

3. TERMINALS

3.01　The T Type Terminals available with the baked enamel finish are listed. They are the same as the corresponding die cast aluminum T Type Terminals, except for the enamelled housing, compression collars, and strand lugs.

TERMINAL TYPE		CAN BE USED
PROTECTED	UNPROTECTED	WITH SPLICE CASE
TEA 10		I BA
TEA 16		I BA
	TFA 10	I BA
	TFA 16	I BA
TCA 10		2 AA
TCA 16		2 AA
	TDA 10	2 AA
	TDA 16	2 AA

4. LOCATION AND INSTALLATION

4.01　The location and installation of these splice cases and terminals is similar to that used with the other splice cases and T Type Terminals as covered in Section G50.705.1 and G50.705.6.

4.02　The corrosion resistance of these splice cases and terminals may be lessened if the enamel finish is damaged during handling or installation. They should be handled with care.

4.03　As soon as the assembly of the terminal is completed and the bolts have been tightened, the enamelled parts should be inspected. Chipped areas, corners, projections, the areas around the bolt heads and any other marred or damaged enamel areas should be cleaned with emery cloth.

4.04　After cleaning, apply Blue-Gray Touch-Up Spray Enamel (No. 93-545 Bell System Blue-Gray Dulux Enamel) which is supplied in a 12 oz. pressurized can for spray application. Spray all the above areas following the directions printed on the can.

4.05 As a single coat of this enamel is thin, a second coat should be added. Before adding the second coat, finish all other work at the location of the terminal such as placing cable supports and spacers, etc.

4.06 Wait until the first coat is surface dry then add a second coat of enamel to the damaged areas above.

4.07 The can of spray enamel, in addition to the instructions on the can, should have its spray head cleaned after each use. If the can is to be set away for a few hours or more, turn the can upside down and depress the valve to discharge a small amount of gas thus cleaning the spray head. If the can is to be used again within a short time as for the second coat, the spray head should be cleaned by wiping off the bead of enamel which forms on the valve head.