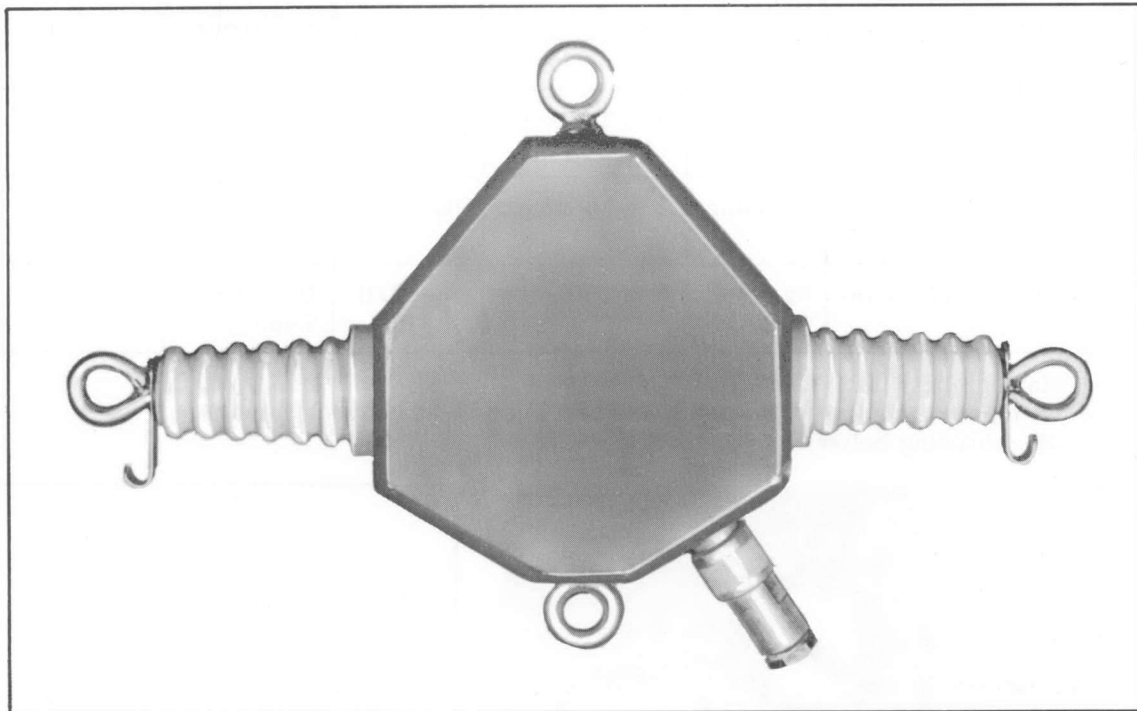


## SALES SERVICE BULLETIN NO. 158A

### Dipole Antenna Coupler, Models DAC

The TMC Dipole Antenna Couplers, Models DAC are impedance matching devices, each providing a balanced connection for the center of a receiving dipole to an unbalanced connection for the coaxial transmission line.



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Bronze connector rings are provided for the antenna connector and for messenger tie points. The entire unit is contained within a sealed fiberglass reinforced plastic case, and additional strength and weather resistance is provided by "potting" the transformer and connectors in a plastic compound. A built-in lightning arrester prevents the accumulation of static charges which otherwise might injure associated equipment.

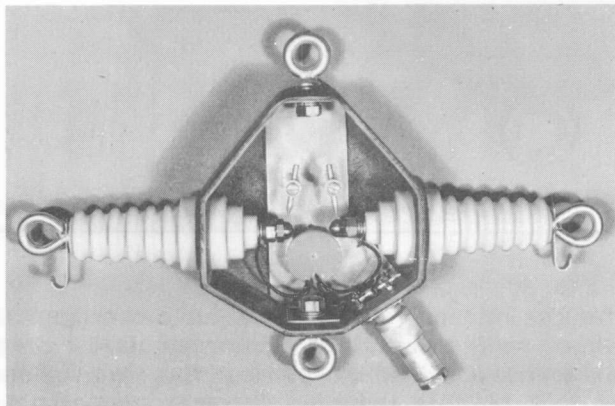
### TECHNICAL SPECIFICATIONS

<b>FREQUENCY RESPONSE:</b>	Flat within 3 db throughout the frequency range.
<b>EQUIPMENT CASE:</b>	Reinforced fiberglass plastic.
<b>INPUT TERMINALS:</b>	Standard ring type.
<b>DIMENSIONS:</b>	Maximum over-all, including all terminals, 12-1/2" wide x 7-3/4" long x 2-1/4" deep. Maximum case dimensions, less terminals, 4-3/4" wide x 5-1/4" long x 2-1/4" deep.
<b>WEIGHT:</b>	3 pounds.
<b>SHIPPING WEIGHT:</b>	5 pounds.
<b>COMPONENTS &amp; CONSTRUCTION:</b>	Equipment is manufactured in accordance with JAN specifications wherever practicable.

MODEL	INPUT IMP. BAL.	OUTPUT IMP. UNBAL.	FREQUENCY RANGE	OUTPUT TERM.	MATING PLUG *	TRANS-FORMER
DAC-1	72 ohms	72 ohms	2 to 30 mcs.	UG-58/U	UG-21B/U Type N	TR-030
DAC-2	300 ohms	72 ohms	2 to 30 mcs.	UG-58/U	UG-21B/U Type N	TR-119
DAC-4	200 ohms	72 ohms	2 to 30 mcs.	UG-447/U	UG-260/U Type BNC	TR-039
DAC-5	72 ohms	(BAL.) 72 ohms	2 to 30 mcs.	UG-103/U	UG-102/U Type UHFT	TR-030
DAC-6	72 ohms	52 ohms	2 to 30 mcs.	UG-58/U	UG-21B/U Type N	TR-120
# DAC-8	72 ohms	52 ohms	2 to 30 mcs.	UG-58/U	UG-21B/U Type N	TR-120
DAC-9	475 ohms	52 ohms	2 to 30 mcs.	UG-58/U	UG-21B/U Type N	

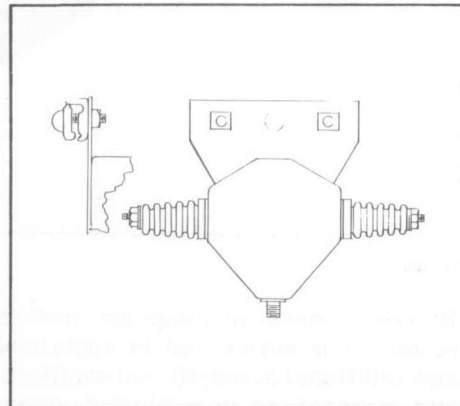
\* Mating plugs furnished.

# With pole mounting plate and hardware in place of connector rings.  
(See drawing below).



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Typical Unit



Model DAC-8

# THE TECHNICAL MATERIEL CORPORATION

700 FENIMORE ROAD

MAMARONECK, NEW YORK

CABLE  
TEPEI  
MAMARONECK, N.Y.



COMMUNICATION ENGINEERS

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