

DATE 3/12/57
SH. 1 OF 1
COMPILED BY
A. J. J.

TMC SPECIFICATION NO. S-319

TITLE: DESCRIPTIVE SPECIFICATIONS MODEL TR-1111 JOB

APPROVED A. J. J.

The TMC Model TR-1111 is a broad banded R.F. transformer which is designed to match a 70 Ω unbalanced line to a 70 Ω balanced line. It is intended for those applications which require excellent capacitive isolation between primary and secondary and, at the same time, excellent secondary balance. The first point is accomplished by means of a Faraday Shield and both points result from careful design and special production techniques.

SPECIFICATIONS:

ELECTRICAL:

Frequency Range	-	2 to 32 Mcs.
Frequency Response	-	Flat within 2 db throughout frequency range.
Input Impedance	-	70 Ω unbalanced.
Output Impedance	-	70 Ω unbalanced or balanced.
Insertion Loss	-	Less than 2 db.
Output Capacitance	-	17 mmf nominal from either balanced terminal to ground.
Balance	-	Each Secondary side deviates by less than three percent from the average between both sides.

MECHANICAL:

Input Connector	-	UG58A/U
Output Connector	-	UG422/U
Size	-	2 $\frac{1}{4}$ x 2 x 2 $\frac{1}{2}$