

# COPY FOR AREA PLANT MANAGER

## AMERICAN TELEPHONE AND TELEGRAPH COMPANY

Issued by Assistant Chief Engineer

December 13, 1955

P.E.M. 5834

Topical Index Code 1C1F2

*Bill - for your files*

*15221  
FEB-13-63*

This is to advise that development has been completed on a new series of multi-plug patching cords for use on manual cord PBX's. These cords will provide a means of setting up night connections between a designated central office trunk and two, three or four station lines.

These cords are coded as follows:

P2BY *	2-conductor for three plugs
P2CA	2-conductor for four plugs
P2CB	2-conductor for five plugs
P3AL	3-conductor for three plugs
P3AM	3-conductor for four plugs
P3AN	3-conductor for five plugs

The new patching cords are arranged with No. 310 plugs, one at each end and others at intermediate points along the cord. The cord length between each two plugs is approximately 2 feet. The cords are covered by an outer braid of slate colored nylon. Ordinarily, the 2-conductor cords are applicable. However, 3-conductor cords are required in those cases where a sleeve circuit between the trunk and line circuits must be provided for control functions. For example, 3-conductor cords must be used on 556 PBX's associated with 740E dial equipment when night jacks are not provided in the trunk circuits.

It should be noted that in using these multi-plug patching cords the total number of station ringers bridged on a trunk should not exceed the allowable limit of the central office to which the trunk is connected.

The Western Electric Company advises that these patching cords will be available from factory stock about February 1956. Ordering and price information is as follows:

<u>Item</u>	<u>Price</u>
(Quantity) Cord, P2BY	\$2.10
(Quantity) Cord, P2CA	2.45
(Quantity) Cord, P2CB	3.30
(Quantity) Cord, P3AL	2.15
(Quantity) Cord, P3AM	2.55
(Quantity) Cord, P3AN	3.40

To all Chief Engineers  
(Copies included for General  
Traffic and Plant Managers.)