



a GENERAL INSTRUMENT company

## INSTRUCTION SHEET

435-704-01

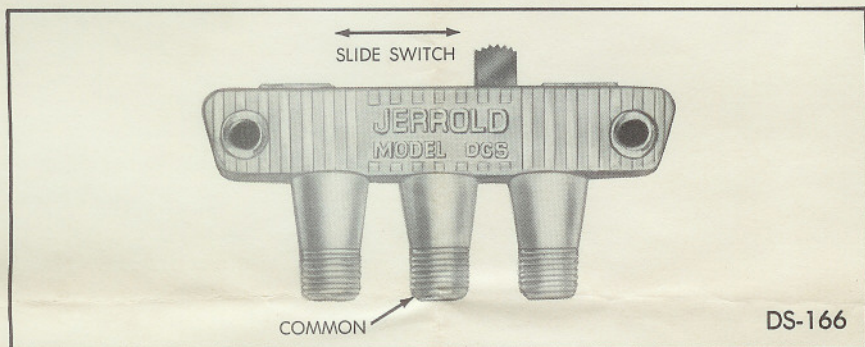
### VHF/UHF

## DUAL CABLE SWITCH, Model DCS

Model DCS is a low-loss, high isolation slide switch which permits connecting either one of two  $75 \Omega$  coaxial transmission lines to a third such line.

RF signal flow may be from the "A CABLE" or the "B CABLE" terminal to the center terminal, or from the center terminal to either the "A CABLE" or the "B CABLE" terminal. The switching circuit board is contained in a slim-line, die-cast aluminum housing with integral "F" type fittings. Three F-659 connectors, suitable for RG-59/U or RG-6/U type cable, and an appropriate connector installation sheet are shipped with the switch. Two wood screws are also contained in the accessory package for mounting the switch through the two holes provided in the switch housing.

The switch terminals exhibit a match of 22 dB for the d.c. to 300 MHz range and 13 dB for the UHF passband. Maximum insertion loss is 0.15 dB for the VHF and 0.3 dB for the UHF range while minimum isolation between the A and B terminals is 80 dB for VHF and 70 dB for UHF.



All data subject to change without notice.

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