BY G8MNY

S-Video pin-out connections
for the 4 pin miniature din out socket

1 o o 3
2 o o 4

1 - Luminance signal
2 - Luminance ground
3 - Chrominance signal
4 - Chrominance ground

For S Video the normal "Composite" video signal that contains frame & line "Syncs" + the black & white "Luminance" Video + the "Chromanance" colour signal, is split into 2 components:- Luminance & sync, and a Chromance.

The purpose of having 2 separated signals is to negate the need for filtering which always comes with some definition loss, and to stop cross colour problems caused by sharp edges & gratings in the Luminance Jamming the colour signal.

From: RZ6AVM@UA6ADV.H.KRD.RUS.EU
Title : S-Video TV card -- RCA

|                         |
|                       -----  470pf
|                       ----
|                         |
|                         |
|                         |
| 3 o 4 o___________________I

1 o 2 o___________________________> GND

OR

3 o 4 o___________________________> video

1 o 2 o___________________________> GND


73 - EVGENY, RZ6AVM @ UA6ADV

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73 De John, G8MNY @ GB7CIP