

Technical Report

Rev. 1.0

October 31, 2006

Canare Electric Co., Ltd.

About Canare Products' Compatibility with the SMPTE 424M Standard

Canare's coaxial cables, BNC connectors, and video jacks, which are used for signal transmission in conformity with the SMPTE 424 M Standards, meet the following specifications:

Performance required by the SMPTE 424M (for television – 3 Gbps signal/data serial interface)

Characteristic impedance: 75 ohm

Return loss: 15 dB or more from 5MHz – 1.5 GHz

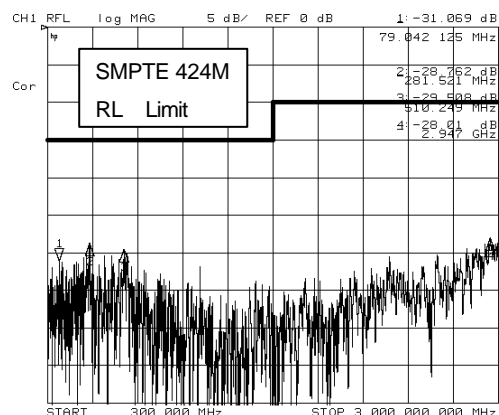
10 dB or more from 1.5 GHz – 3 GHz

Canare coaxial cables

Model number: L-5CFB

Characteristic impedance: 75 ohm

Return loss: Typical 21 dB from 0.3MHz – 3 GHz



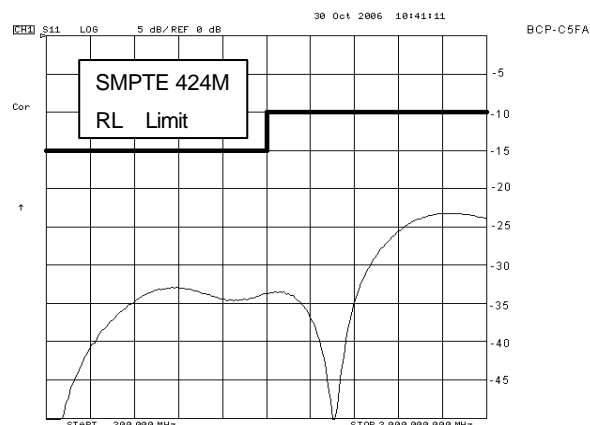
Canare BNC plugs

Model number: BCP-C5FA

Characteristic impedance: 75 ohm

Return loss: Typical 26 dB from 0.3MHz – 1.5 GHz

Typical 21 dB from 1.5 GHz – 3 GHz



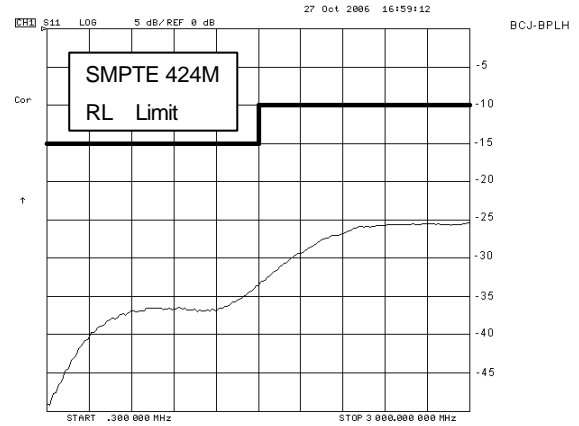
Canare BNC receptacles

Model number: BCJ-BPLH

Characteristic impedance: 75 ohm

Return loss: Typical 26 dB from 0.3MHz – 1.5 GHz

Typical 21 dB from 1.5 GHz – 3 GHz



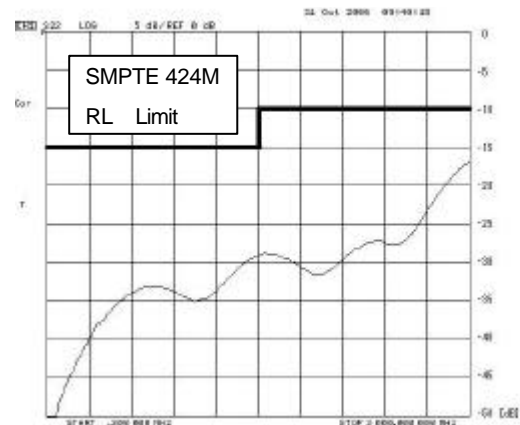
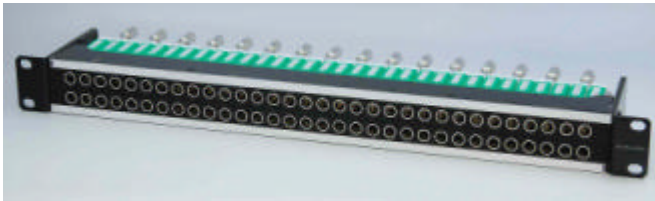
Canare video jacks

Model number: MDVJ-STW

Characteristic impedance: 75 ohm

Return loss: Typical 20 dB from 0.3MHz – 1.5 GHz

Typical 10 dB from 1.5 GHz – 3 GHz



The models noted above represent some of the Canare products.