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 5 MHz – 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 0.3 MHz – 3 GHz

![Canare coaxial cables image]

**Canare BNC plugs**
- Model number: BCP-C5FA
- Characteristic impedance: 75 ohm
- Return loss: Typical 26 dB from 0.3 MHz – 1.5 GHz
  - Typical 21 dB from 1.5 GHz – 3 GHz

![Canare BNC plugs image]
**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.