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## DIGITAL COMMENTARY SYSTEM COAXIAL CABLE SPECIFICATION

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### SPECIFICATION

One of the major features of the GlenSound Electronics commentators equipment is its ability to use a single coaxial cable to connect each box to the base station. This cable must meet certain specifications for the system to perform correctly. The loop resistance, the delay and the frequency response of the cable are the limiting features. To enable customers to determine the suitability of any cable the following is the specification to be met by the total length of cable between any commentators box and the base station.

### LINK SPECIFICATION

Connectors are:	BNC fixed sockets (on DCU & DCCU)
Cable Impedance	75 ohms
Maximum DC loop resistance	22 ohms
Maximum attenuation	20dBs at 35MHz
Maximum cable length	425 Metres (1400 Feet)

This equipment has been tested with several different proprietary cables. The list below is not intended to be a complete list of all suitable cables, cables meeting the above specifications should be satisfactory.

### SATISFACTORY CABLES

PSF1/2M	BBC Code
CX100	Canford 36-100 Farnell 4317490
CX125	Canford 36-125 Farnell 4317579
CX167	Canford 36-167
GT-651	RS 690-3879
WF 100	Bryant Broadcast
WF 125	Bryant Broadcast
WF 165	Bryant Broadcast

