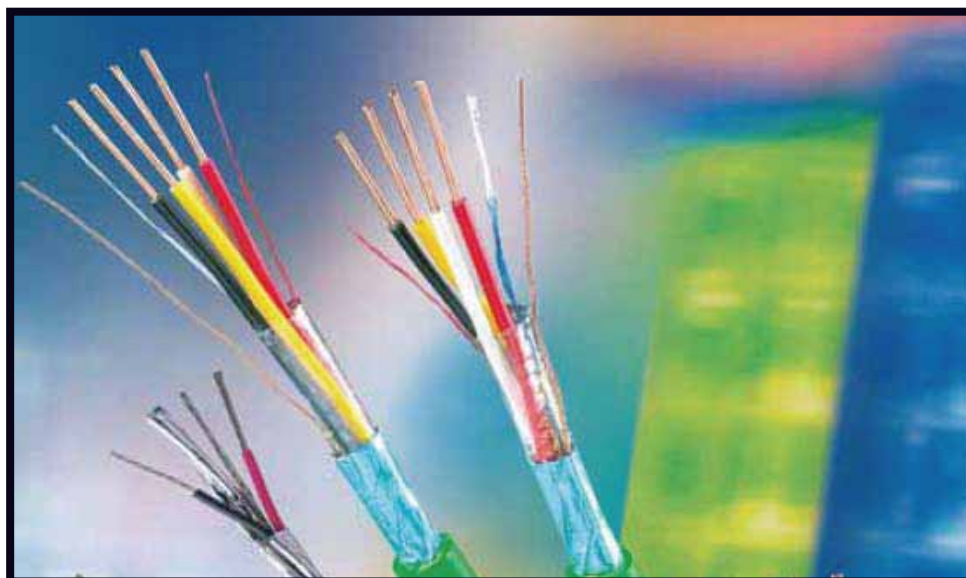


7804S

Belden Video Brilliance Composite Camera Cable

Belden's 7804S Composite Camera Cables are designed to provide exceptional video, audio and power functionality to SMPTE 311M series cameras which is the camera of choice when used at professional studios, major sporting events such as the Olympic Games, stadiums, outside broadcasts and entertainment venues.



Belden's Video Brilliance Composite Camera Cables offer greater signal integrity, flexibility and long distance transmissions.

In 1998 the Society of Motion Picture and Television Engineers (SMPTE) developed the industry standard SMPTE 311 for High-Definition Television Camera cables to assure clear, reliable transmission of audio, video and camera control cables.

Belden Video Brilliance 7804S Composite Camera Cable is ideal for the interconnection of digital remote field cameras. 7804S is a round, smooth composite cable that encompasses 4 power conductors, 2 signal mode fibers and 2 control cables. This rugged yet flexible new cable is appropriate for live or recorded on-site news reporting, especially for SMPTE 311 applications.

The 4 power cords with 20 AWG stranded TC conductors provide power supply to the field cameras, with 2 SM fiber to transmit the video and for audio signal integrity. It is supported by a further 2 control cords with 24 AWG stranded TC conductors.

In order to ensure the SMPTE minimum level of 15 dB RL is met, the cables used must be several dB better to ensure the minimum level is met after the rigors of installation. Other components in the transmission chain can also degrade RL such as a bad termination or improper patch bay connections. Belden's guaranteed minimum level of 21 dB RL gives the user 6 dB of RL headroom to account for such potential inconsistencies.

RL is the measurement of reflected signal caused by impedance discontinuities in the channel. These discontinuities are caused by connectors, cable, transition devices, patch panels and improper cable installation or handling. Any reflected energy reduces the power of the transmitted signal. Measuring RL will give a good expectation of just how well each link will do with SDI or HD video.

Outstanding Installer Benefits

Pulling and termination of the new composite cable is especially easy because the cable is extremely flexible even in low temperatures. Each type of cable (power cord / SM fiber / control cable) is color coded for easy channel identification. The cable has an overall TC braid shield (95 per cent coverage) and Belflex® jacket to support its crush resistance and ease of termination. Installers can use industry-standard SMPTE 304M connectors for easy assembly.

Environmental Compliance

The use of materials that are environmentally friendly is of growing concern to Belden, its broadcast customers and to the global community. As a result, 100% of all Belden Digital Audio and Video Cables, and virtually all of the remaining Belden broadcast cables, now meet the requirements of both the Restriction on Hazardous Substances (RoHS) Directive and California Proposition 65.

Ordering Information

Part Number	Item Description	Put-Up (Meter)	Ship Weight	Jacket Color
7804S 010305M	Composite Camera Cable	305	45	Black
7804S 010500M	Composite Camera Cable	500	71	Black
7804S 0101000M	Composite Camera Cable	1000	147	Black