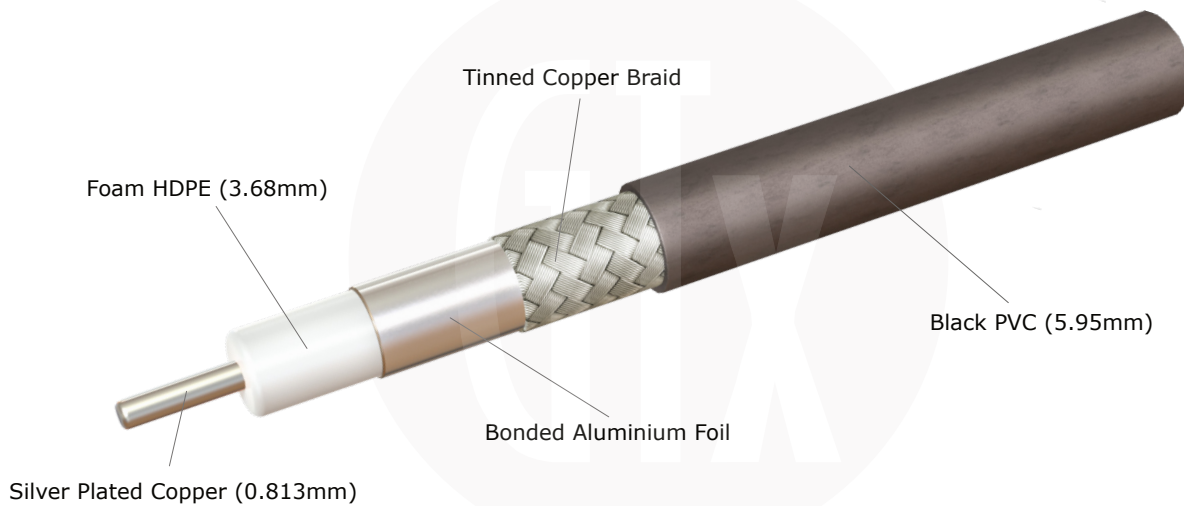


12G-SDI-59

RG59 Digital Video Cable, 0.8/3.7



MATERIAL SPECIFICATION

Inner Conductor	Silver Plated Copper (0.813mm)
Dielectric	Foam HDPE (3.68mm)
First Shield	Bonded Aluminium Foil
Second Shield	Tinned Copper Braid
Jacket	Black PVC (5.95mm)

ELECTRICAL SPECIFICATION

Impedance	75 ohms
Max. Frequency	DC to 12 GHz
Capacitance	53 pF/m
Velocity of Propagation	83%
Voltage Withstanding	300V RMS Maximum

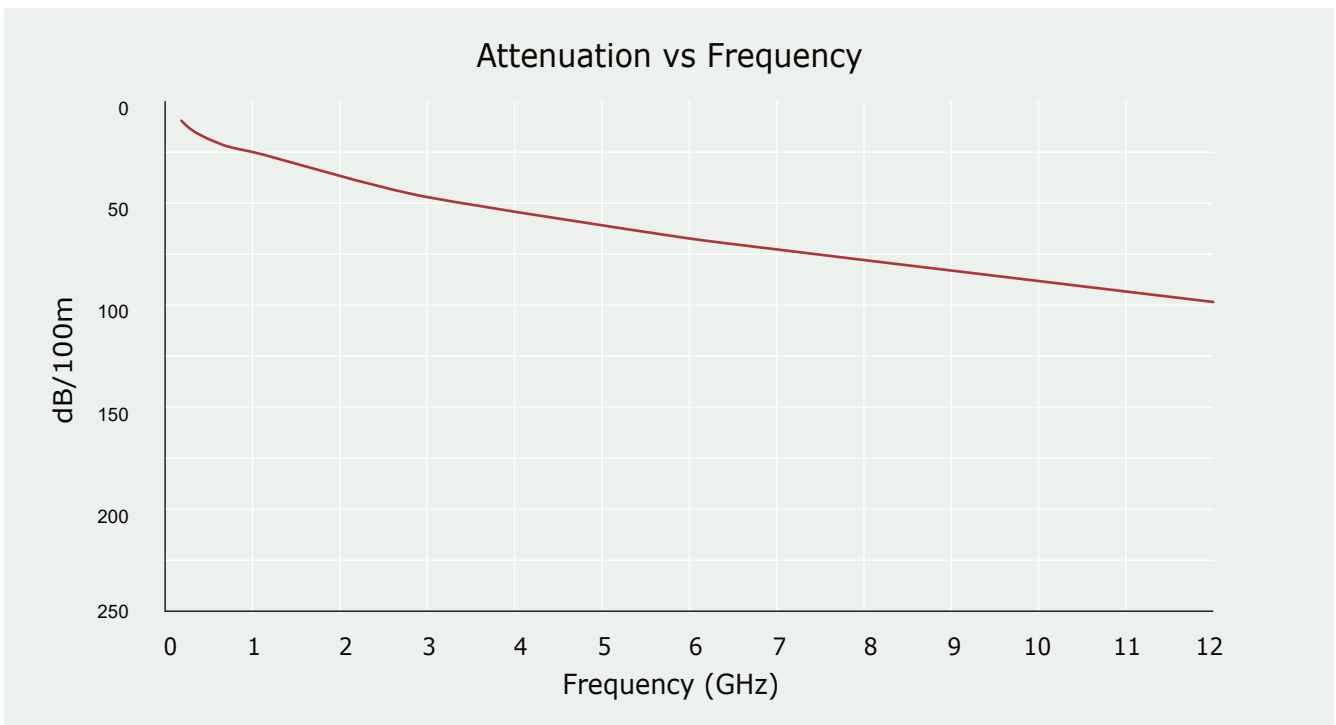
MECHANICAL & ENVIRONMENTAL SPECIFICATION

Bending Radius (static)	18mm
Bending Radius (flexing)	60mm
Temperature Range	-30 to +75 degrees C
RoHS Compliant	Yes

12G-SDI-59

RG59 Digital Video Cable, 0.8/3.7

FREQUENCY	ATTENUATION (per 100m)
270.000 MHz	12.50 dB
540.000 MHz	18.00 dB
1000.000 MHz	25.00 dB
3000.000 MHz	43.90 dB
6000.000 MHz	64.60 dB
12000.000 MHz	94.20 dB



RECOMMENDED MAXIMUM TRANSMISSION LENGTH*

- Single Link 3Gb/s (SMPTE ST425) maximum distance 132m
- Single Link 6Gb/s (SMPTE ST2081) maximum distance 92m
- Single Link 12Gb/s (SMPTE 2082, SMPTE 2083) maximum distance 63m

*based on 40dB loss at 1/2 clock frequency