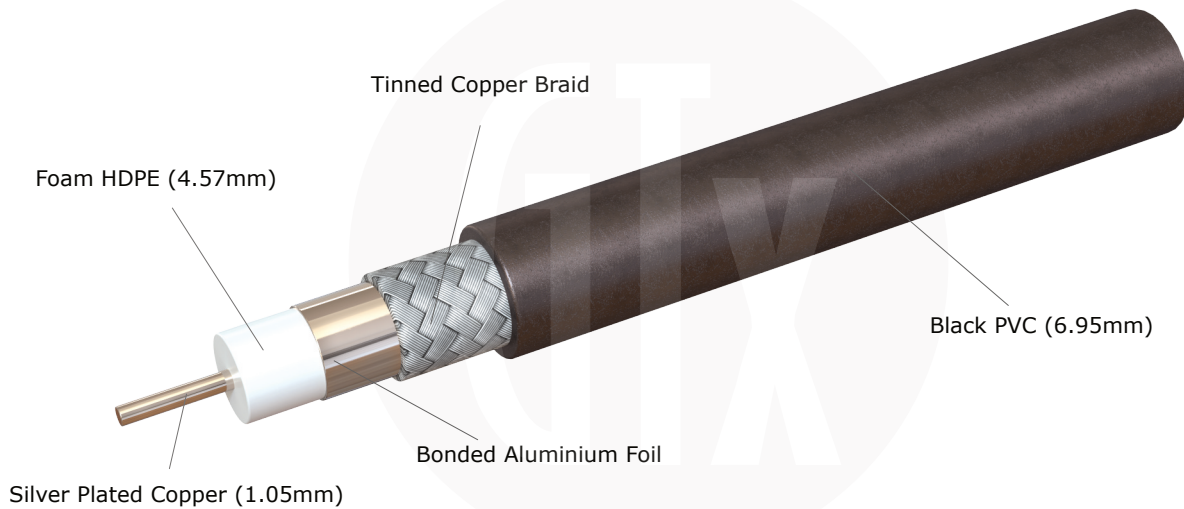


12G-SDI-6

RG6 Digital Video Cable, 1.0/4.6



MATERIAL SPECIFICATION

Inner Conductor	Silver Plated Copper (1.05mm)
Dielectric	Foam HDPE (4.57mm)
First Shield	Bonded Aluminium Foil
Second Shield	Tinned Copper Braid
Jacket	Black PVC (6.95mm)

ELECTRICAL SPECIFICATION

Impedance	75 ohms
Max. Frequency	DC to 12 GHz
Capacitance	52 pF/m
Velocity of Propagation	84.5%

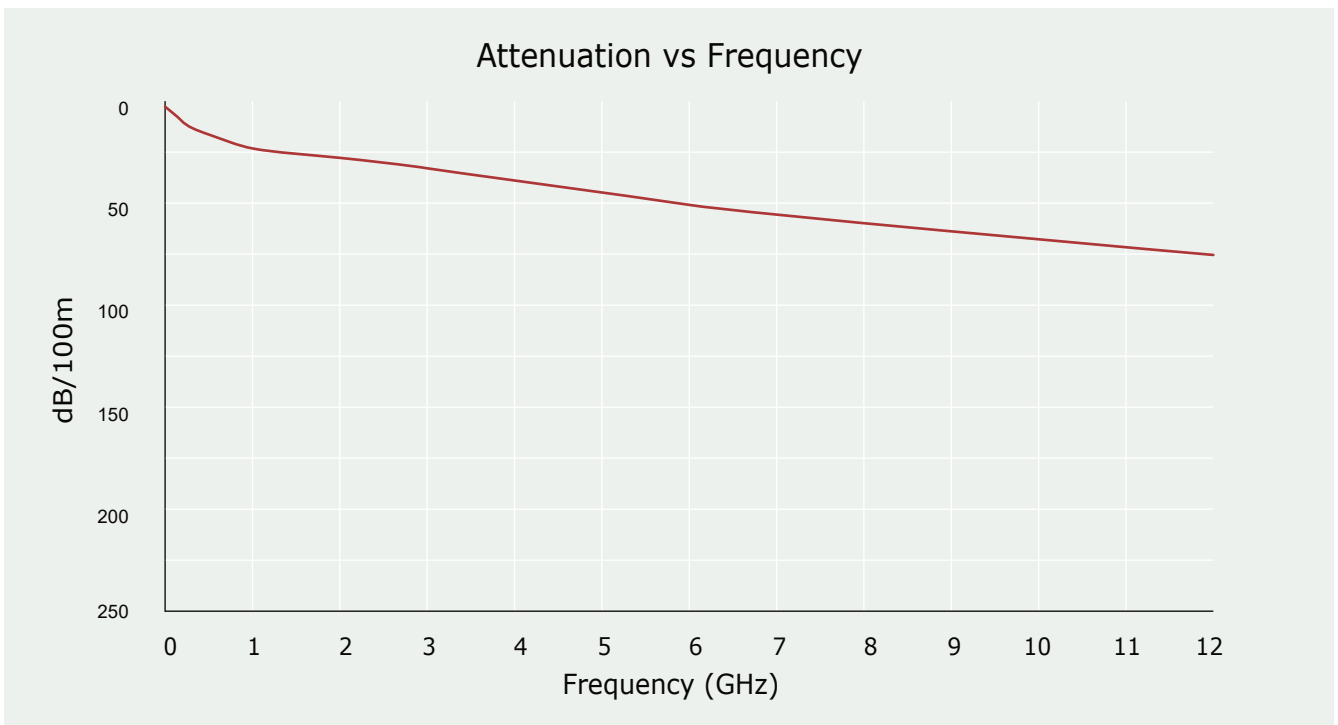
MECHANICAL & ENVIRONMENTAL SPECIFICATION

Bending Radius (static)	23mm
Bending Radius (flexing)	168mm
Temperature Range	-30 to +75 degrees C
RoHS Compliant	Yes

12G-SDI-6

RG6 Digital Video Cable, 1.0/4.6

FREQUENCY	ATTENUATION (per 100m)
270.000 MHz	10.00 dB
540.000 MHz	14.00 dB
1000.000 MHz	19.00 dB
3000.000 MHz	35.00 dB
6000.000 MHz	50.00 dB
12000.000 MHz	75.00 dB



RECOMMENDED MAXIMUM TRANSMISSION LENGTH*

- Single Link 3Gb/s (SMPTE ST425) maximum distance 164m
- Single Link 6Gb/s (SMPTE ST2081) maximum distance 114m
- Single Link 12Gb/s (SMPTE 2082, SMPTE 2083) maximum distance 78m

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