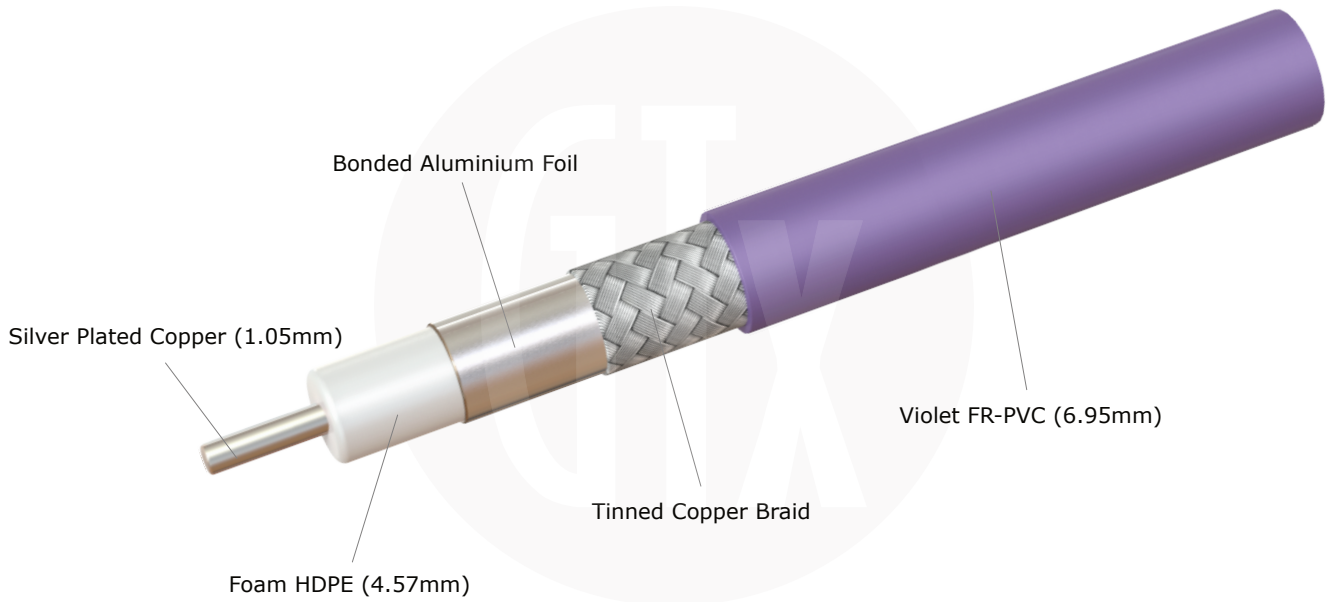


UHD75-6-7

RG6 4K Ultra High Definition, 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	Violet FR-PVC (6.95mm)

ELECTRICAL SPECIFICATION

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

UHD75-6-7

RG6 4K Ultra High Definition, 1.0/4.6

MECHANICAL & ENVIRONMENTAL SPECIFICATION

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

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 166m
- Single Link 6Gb/s (SMPTE ST2081) maximum distance 114m
- Single Link 12Gb/s (SMPTE 2082, SMPTE 2083) maximum distance 80m

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