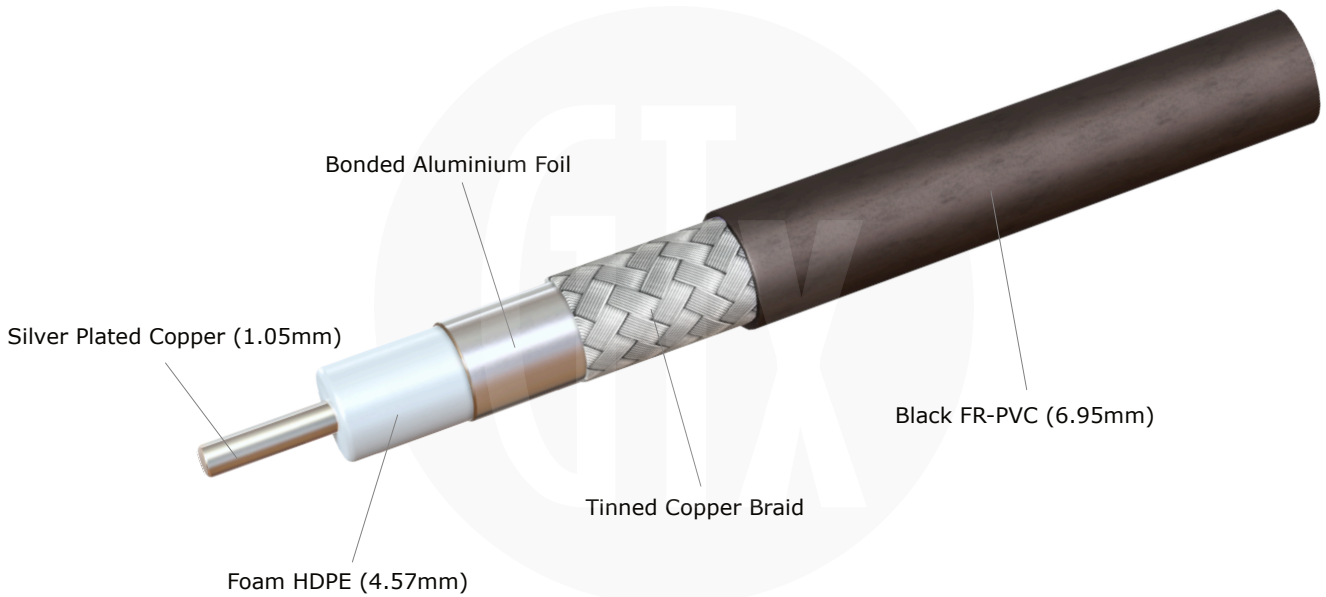


UHD75-6

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	Black 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

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)
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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