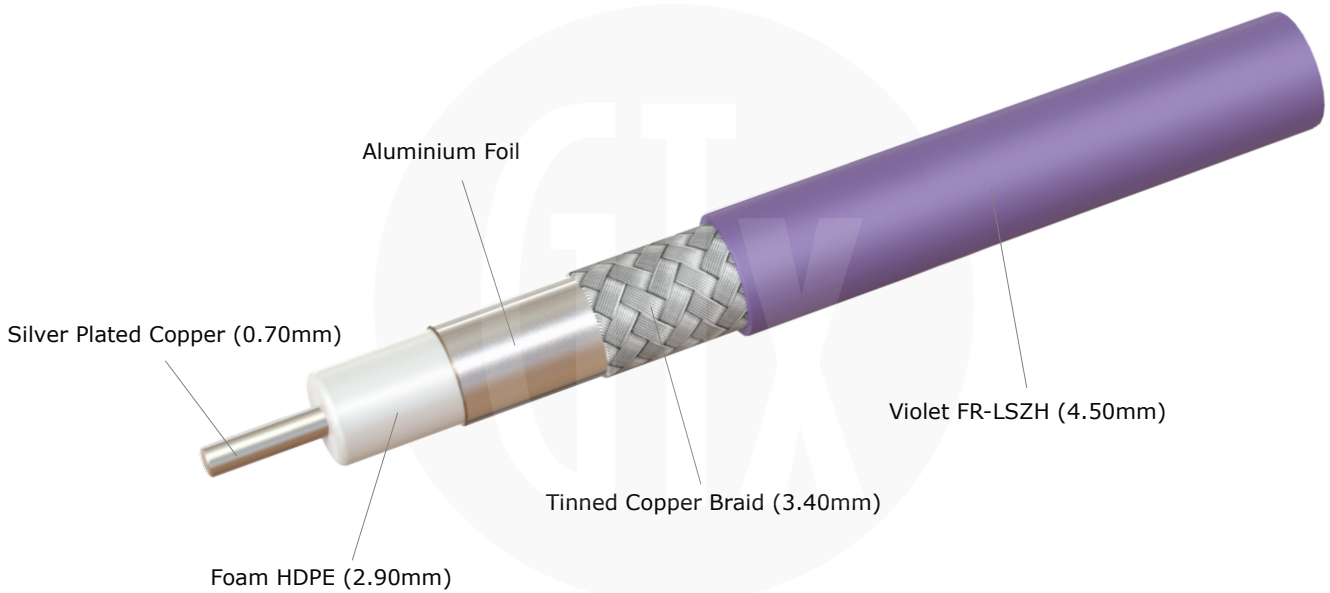


UHD75-0729-7

4K Ultra High Definition, 0.7/2.9, Violet Jacket



MATERIAL SPECIFICATION

Inner Conductor	Silver Plated Copper (0.70mm)
Dielectric	Foam HDPE (2.90mm)
First Shield	Aluminium Foil
Second Shield	Tinned Copper Braid (3.40mm)
Jacket	Violet FR-LSZH (4.50mm)

ELECTRICAL SPECIFICATION

Impedance	75 Ohms
Max. Frequency	DC to 12 GHz
Capacitance	56 pF/m
Velocity of Propagation	78%

UHD75-0729-7

4K Ultra High Definition, 0.7/2.9, Violet Jacket

MECHANICAL & ENVIRONMENTAL SPECIFICATION

Bending Radius (static)	14mm
Bending Radius (flexing)	46mm
RoHS Compliant	Yes
Temperature Range	-20 to +75 degrees C
CPR Compliance	Eca

FREQUENCY	ATTENUATION (per 100m)
270.000 MHz	15.20 dB
540.000 MHz	21.30 dB
1000.000 MHz	31.20 dB
3000.000 MHz	55.60 dB
6000.000 MHz	81.00 dB
12000.000 MHz	114.60 dB

RECOMMENDED MAXIMUM TRANSMISSION LENGTH*

- Single Link 3Gb/s (SMPTE ST425) maximum distance 102m
- Single Link 6Gb/s (SMPTE ST2081) maximum distance 72m
- Single Link 12Gb/s (SMPTE 2082, SMPTE 2083) maximum distance 49m

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